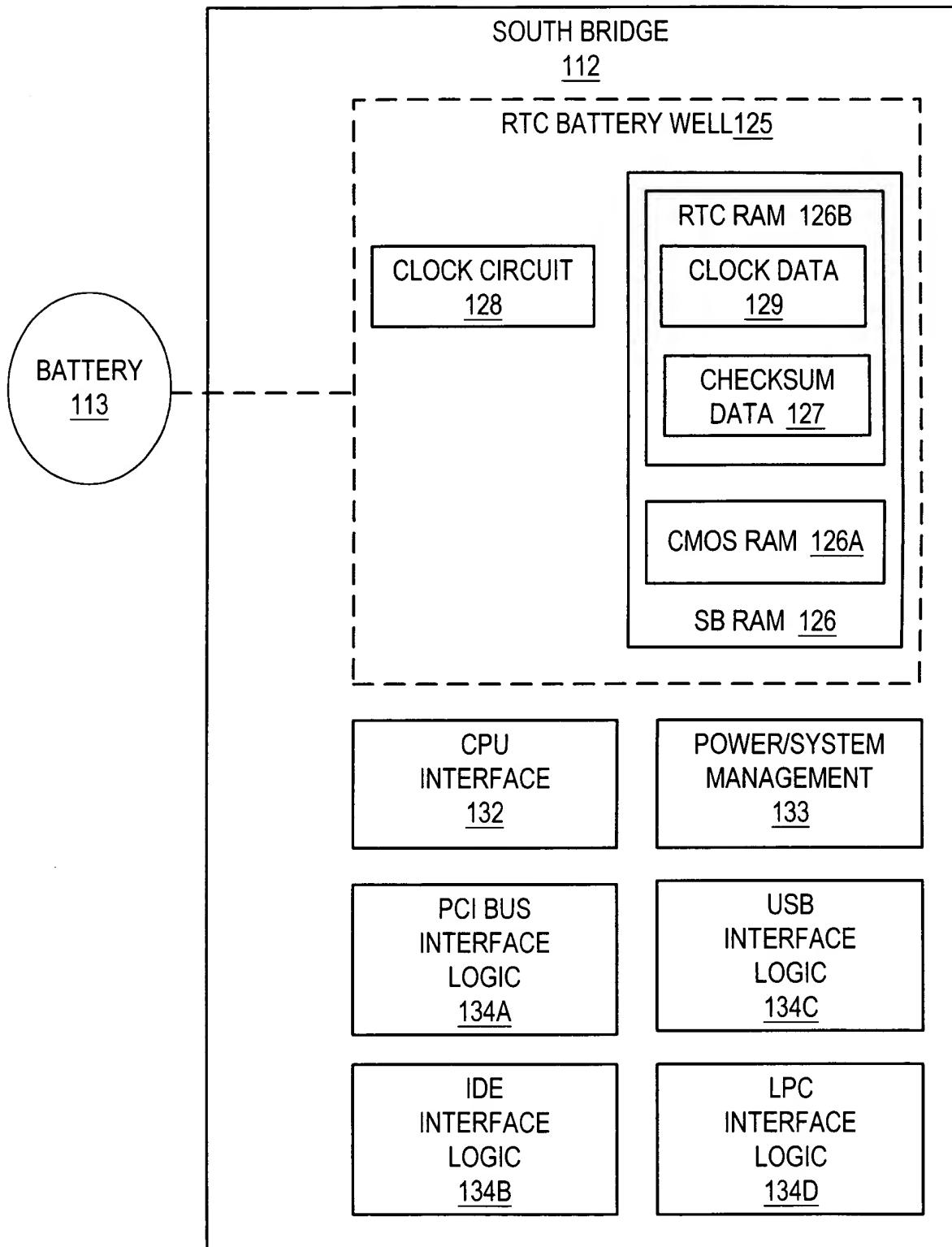
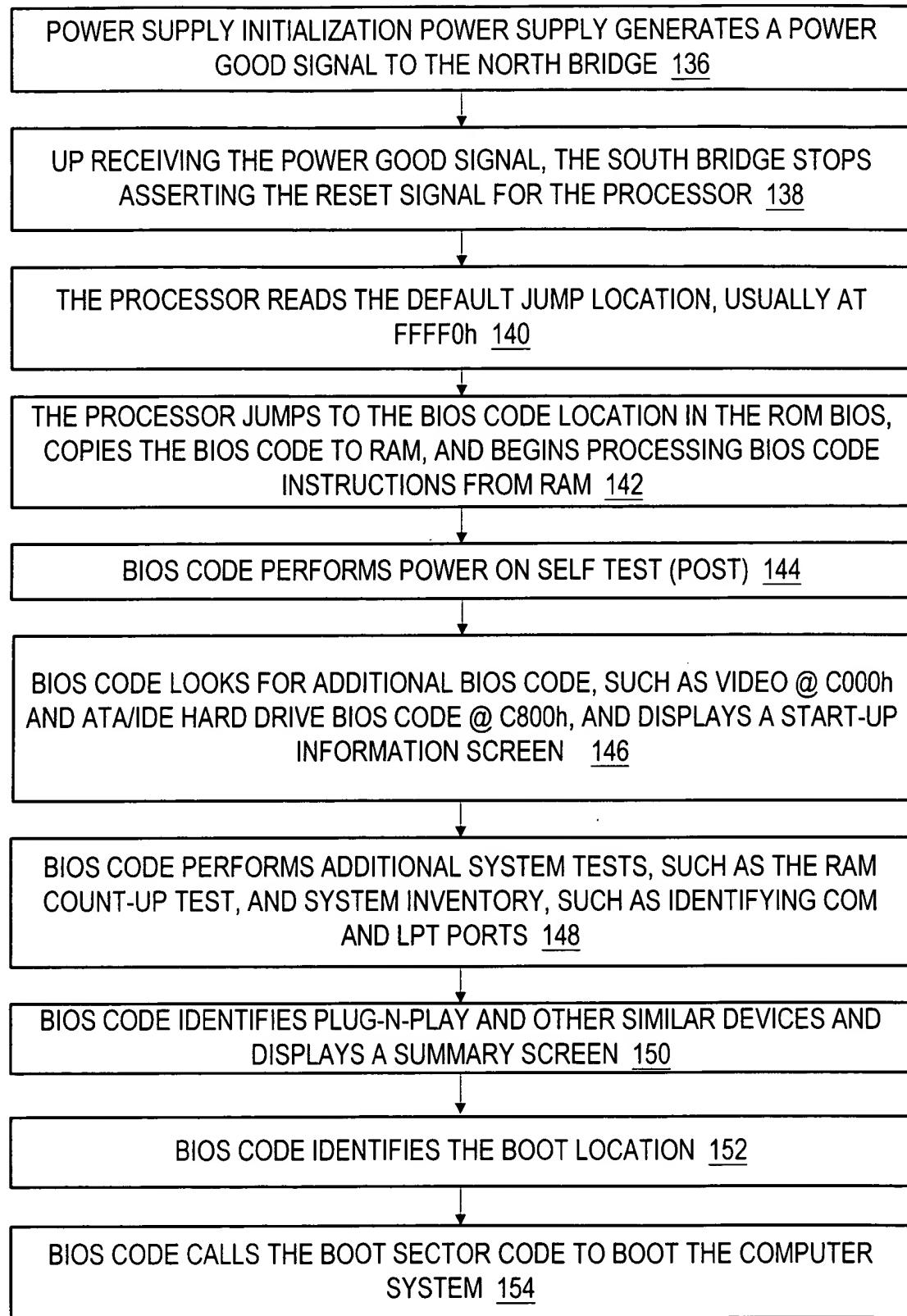


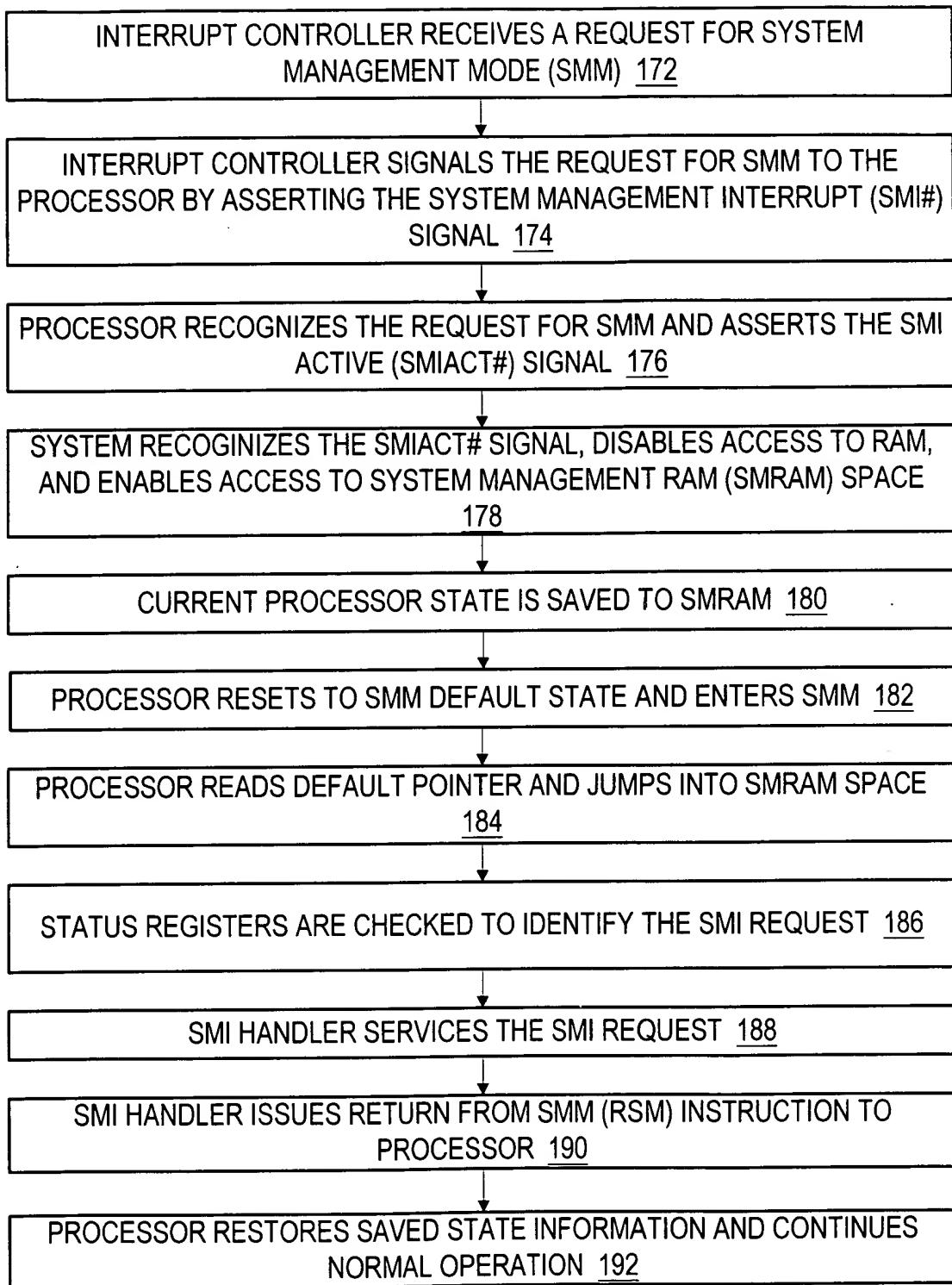
**Fig. 1A**  
**(Prior Art)**



**Fig. 1B**  
**(Prior Art)**



**Fig. 2A**  
**(Prior Art)**



**Fig. 2B**  
**(Prior Art)**

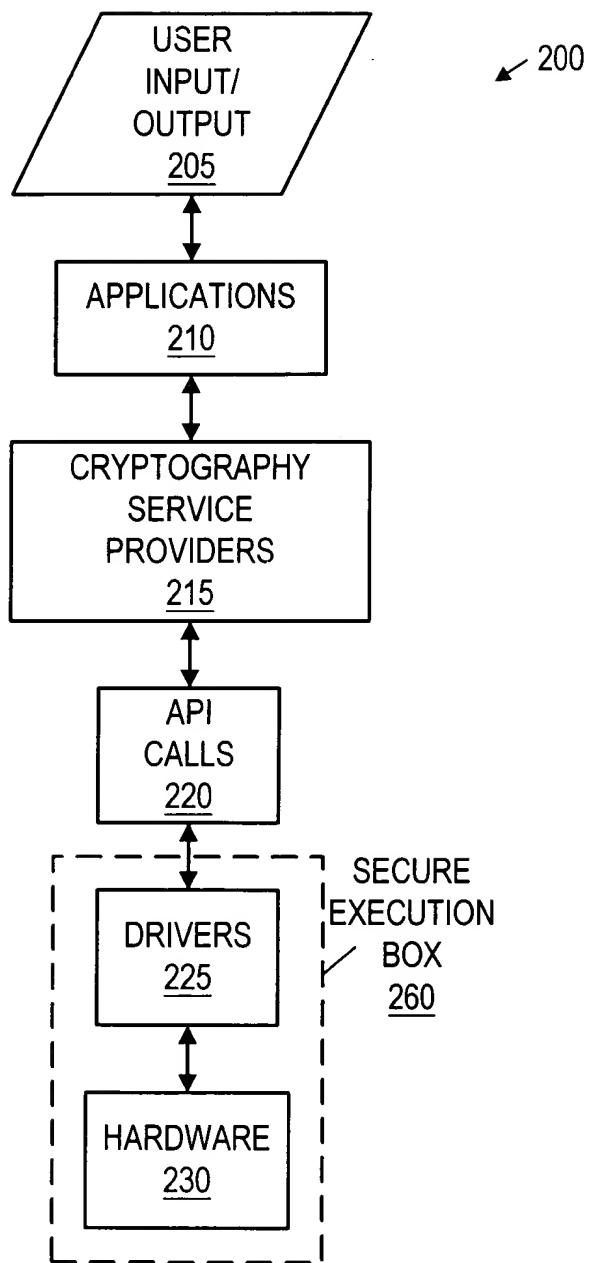
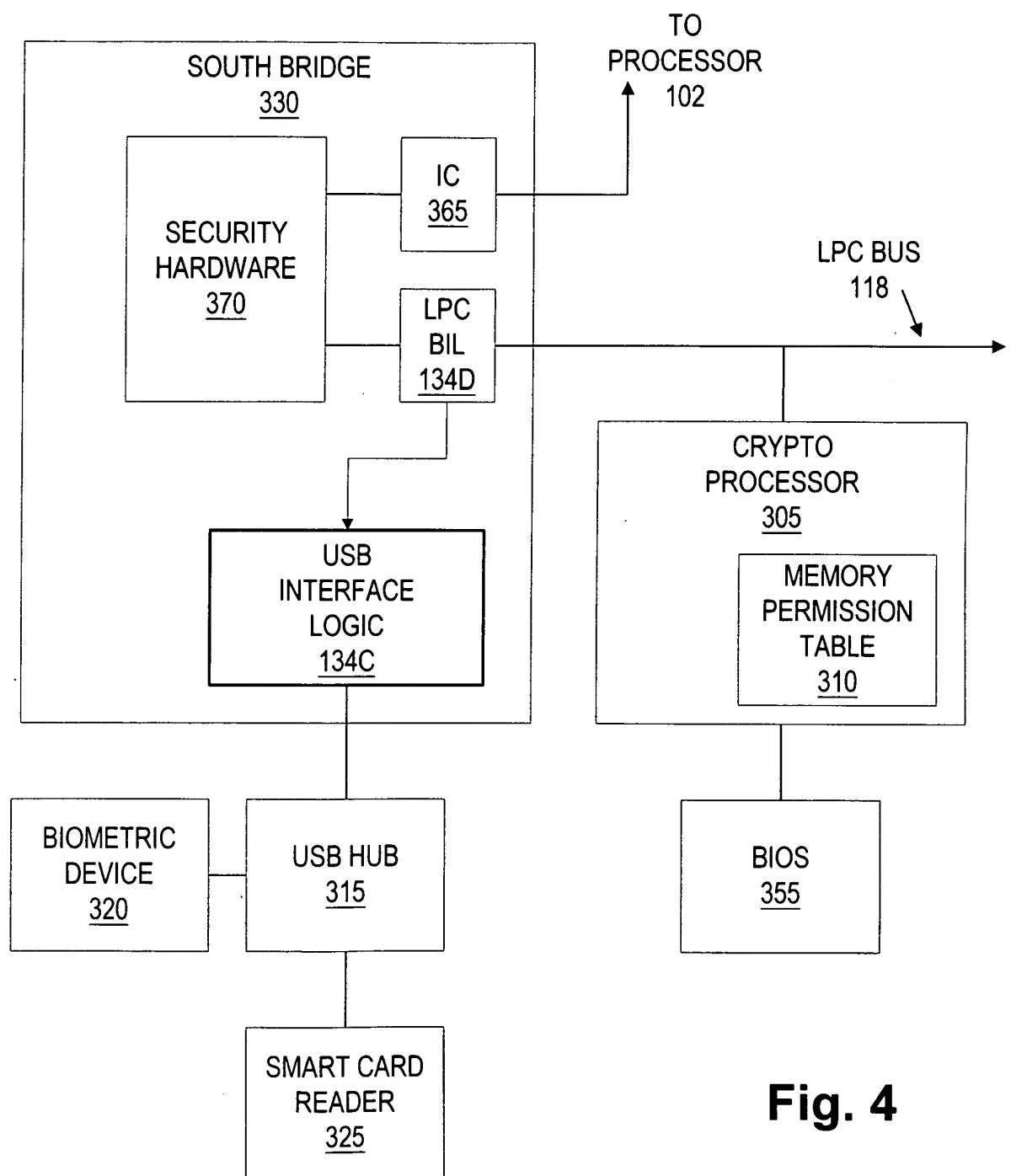
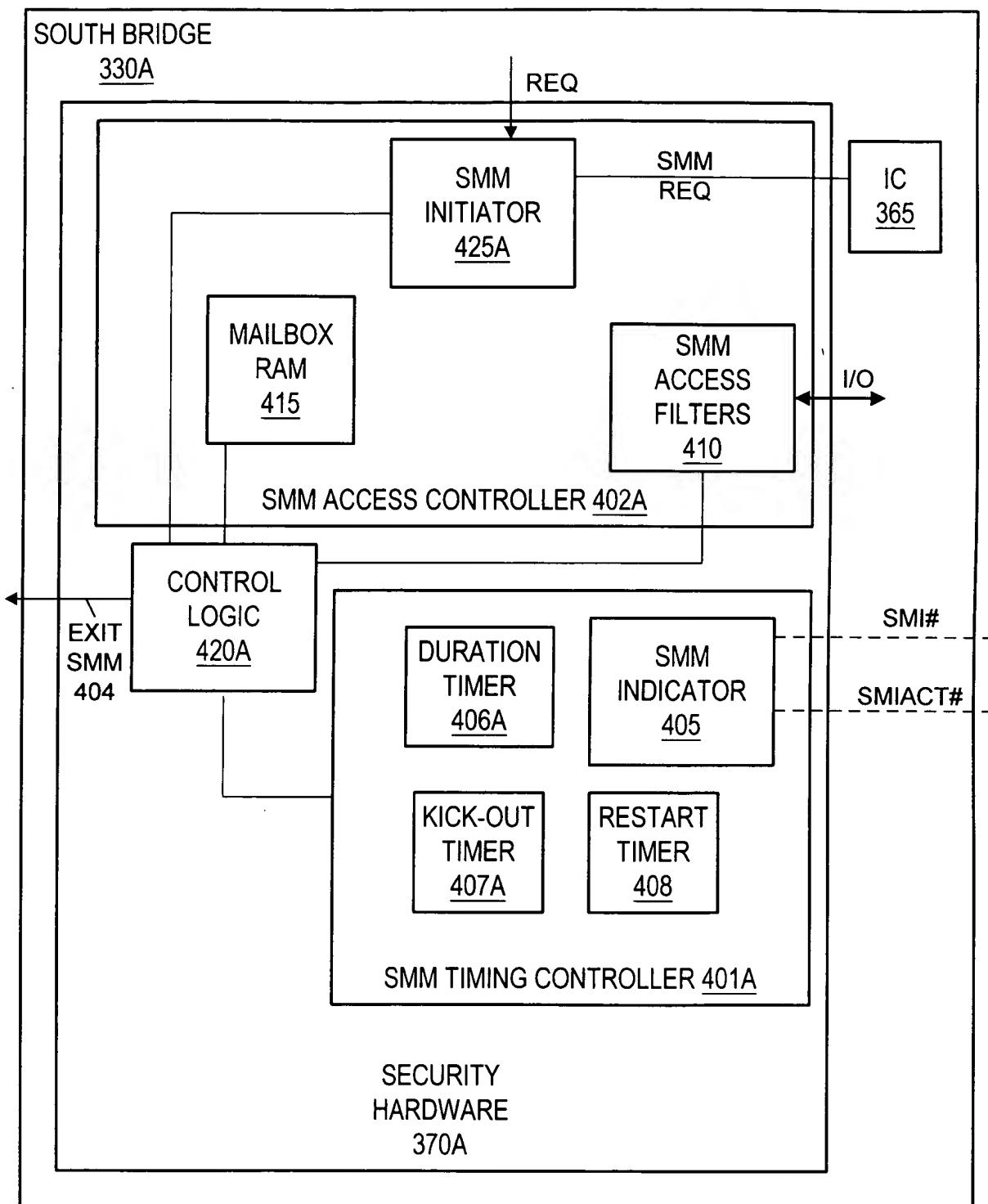


Fig. 3





**Fig. 5A**

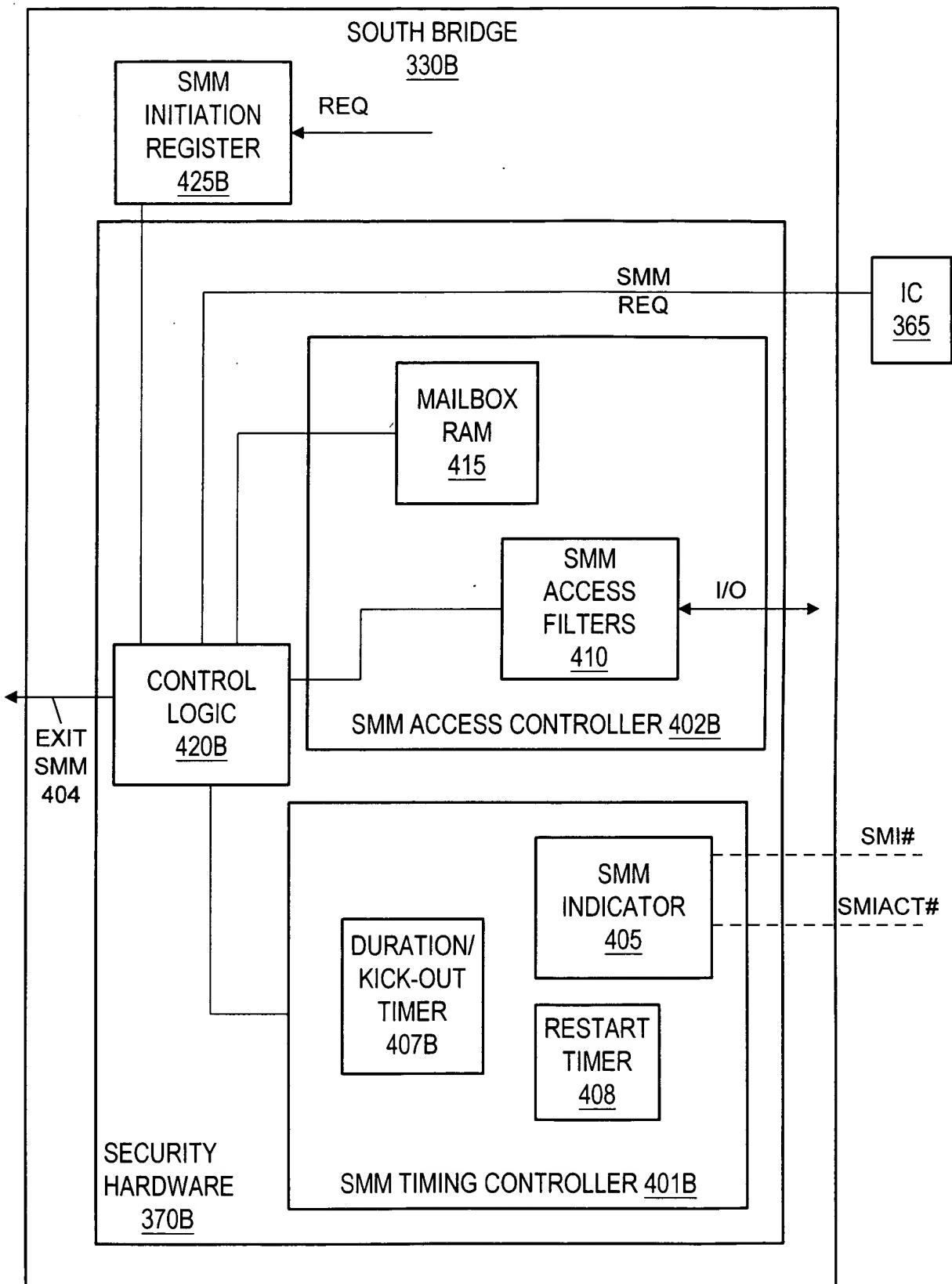
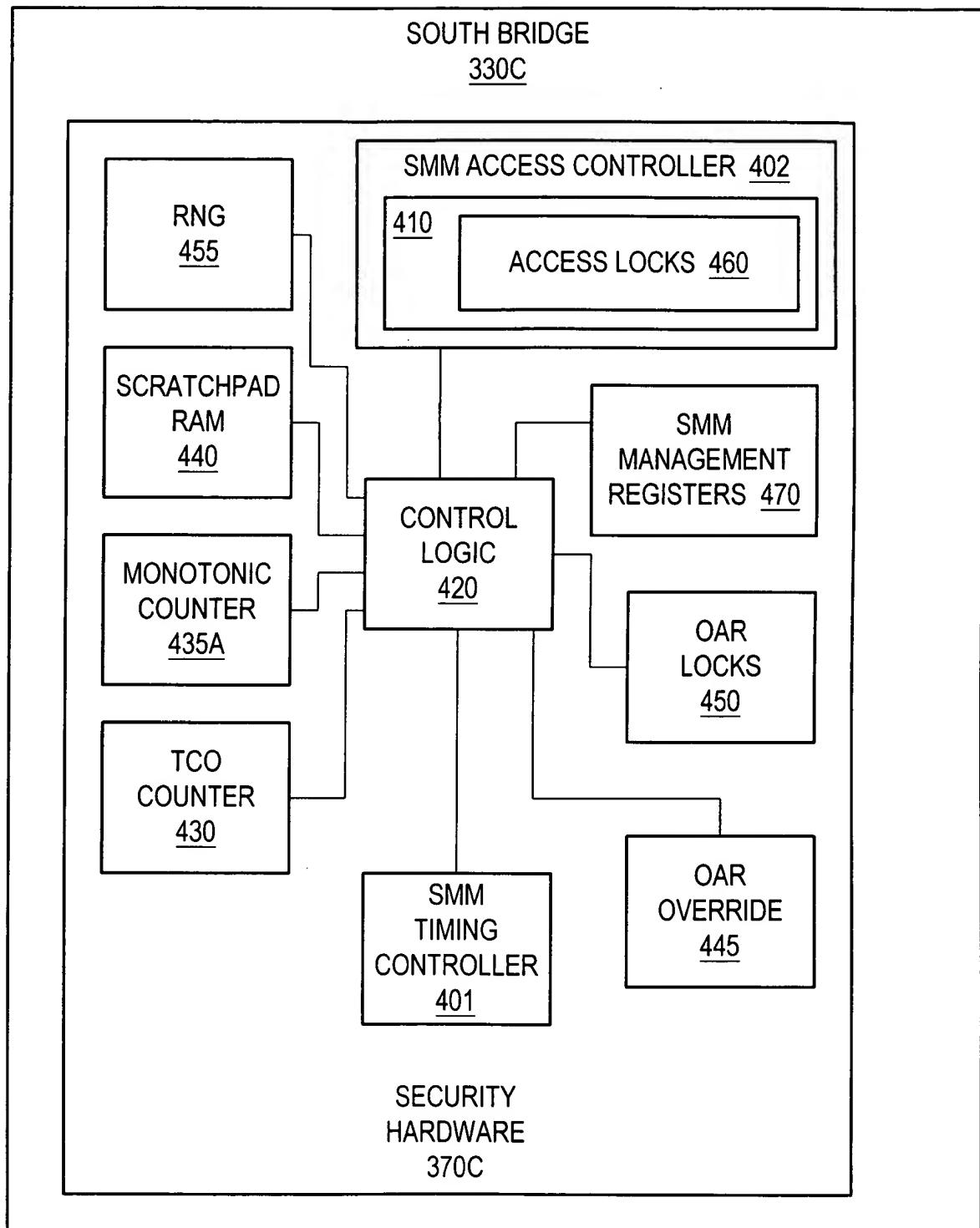


Fig. 5B



**Fig. 6**

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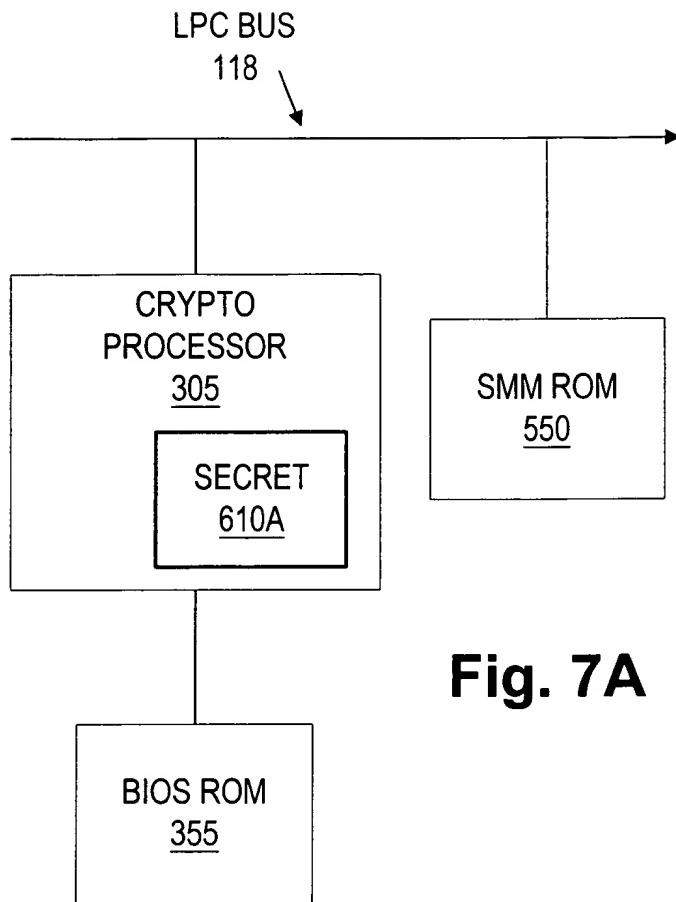


Fig. 7A

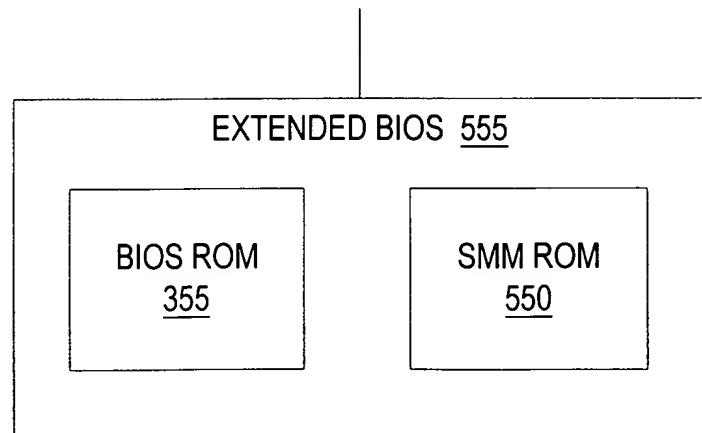
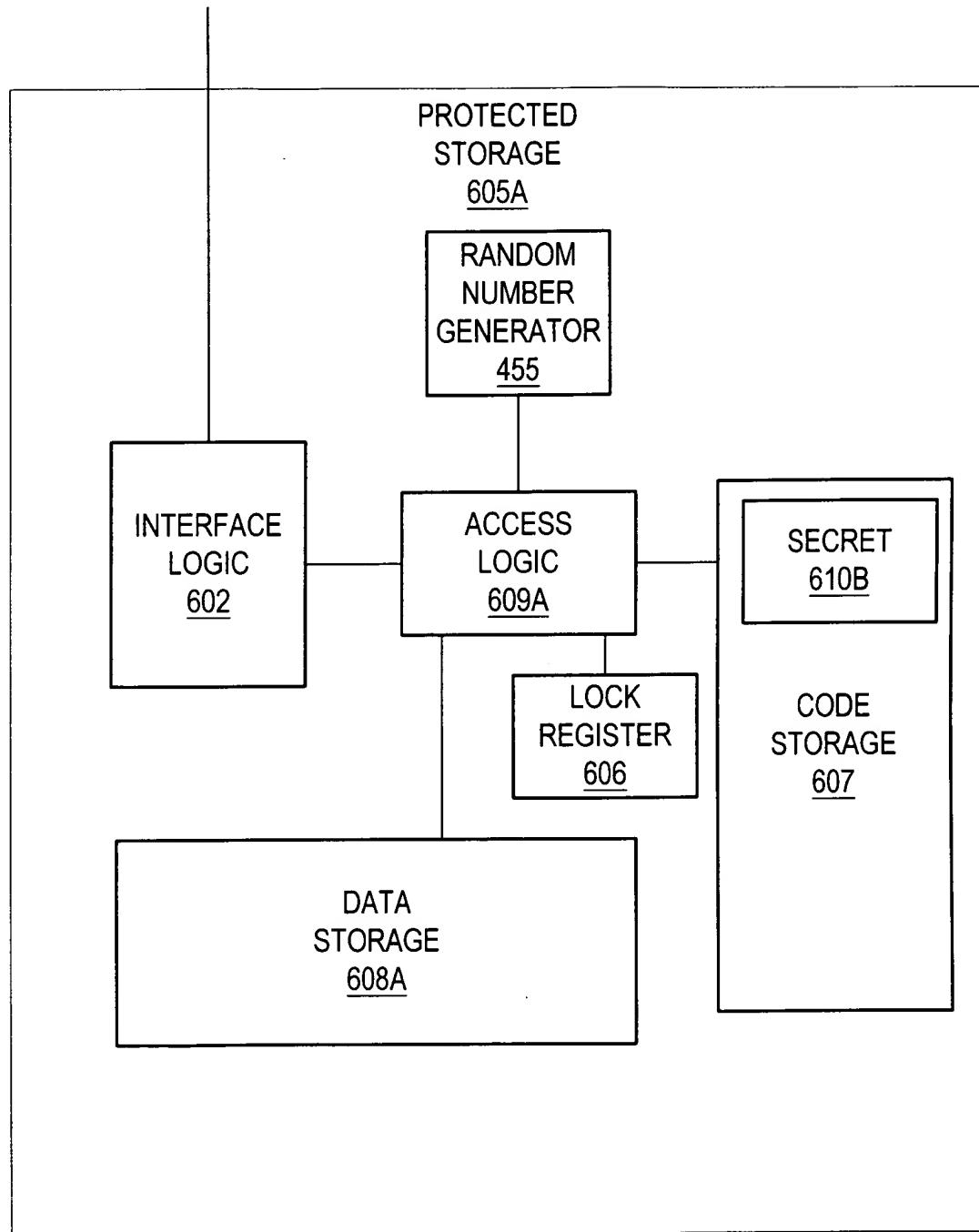


Fig. 7B



**Fig. 7C**

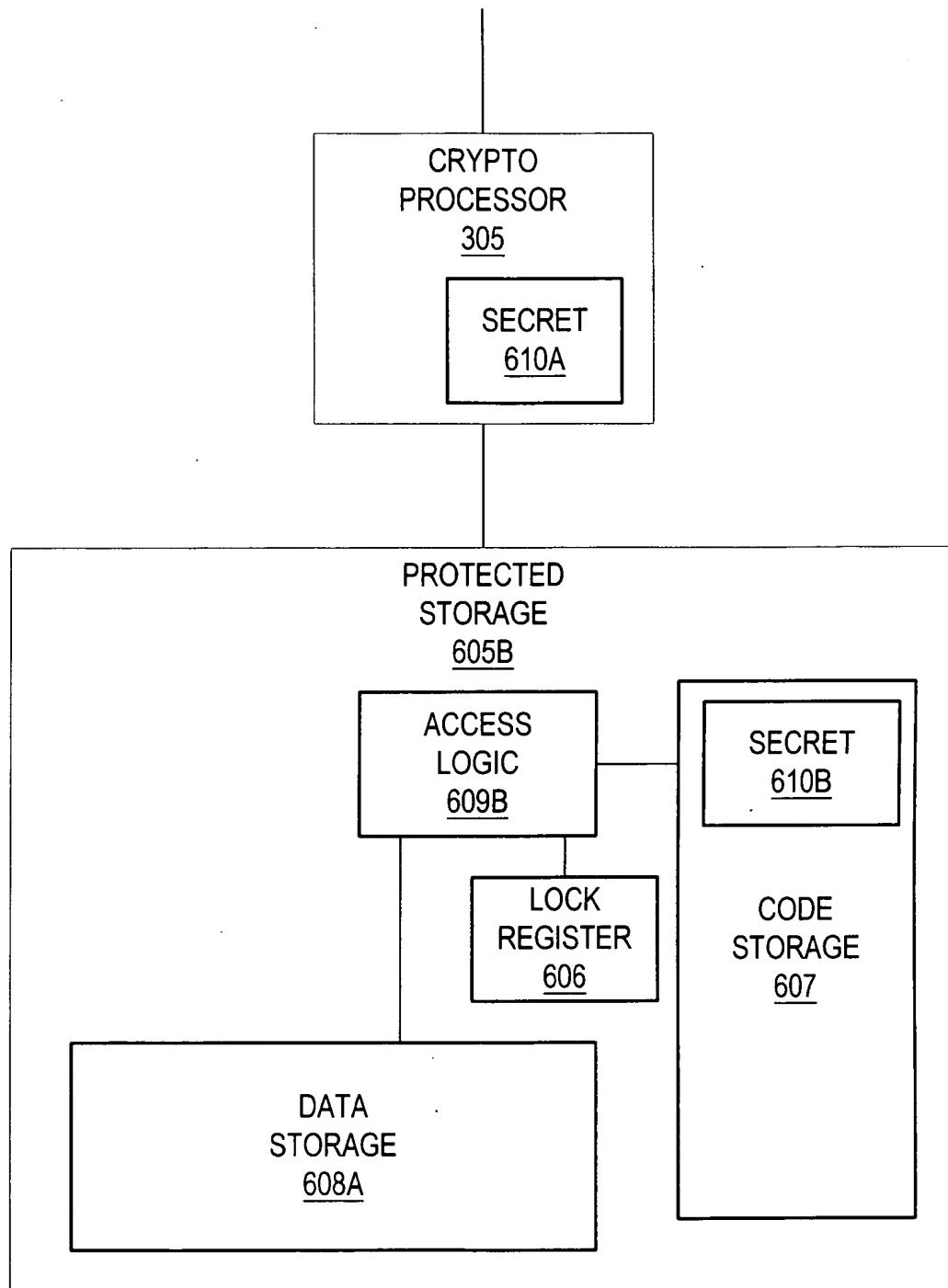
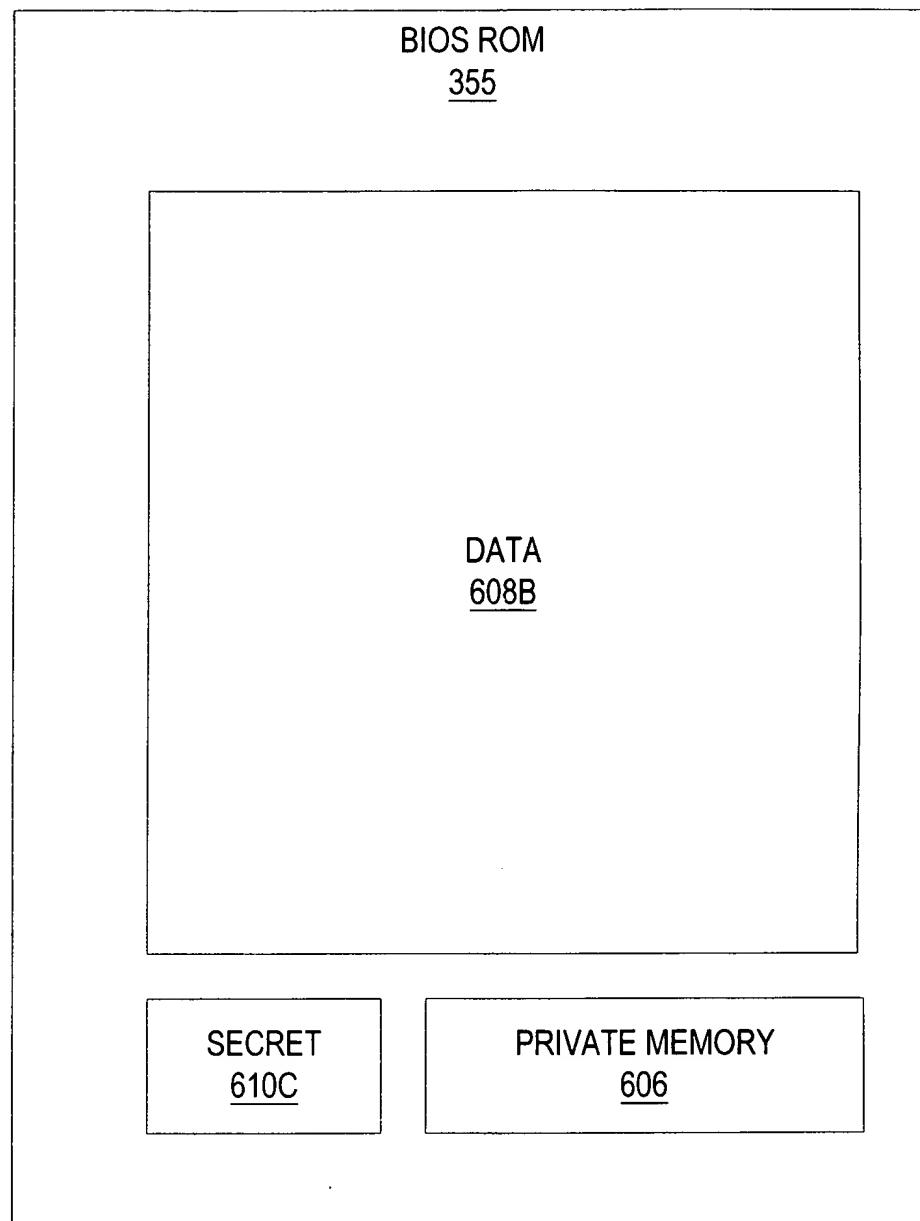


Fig. 7D



**Fig. 8A**

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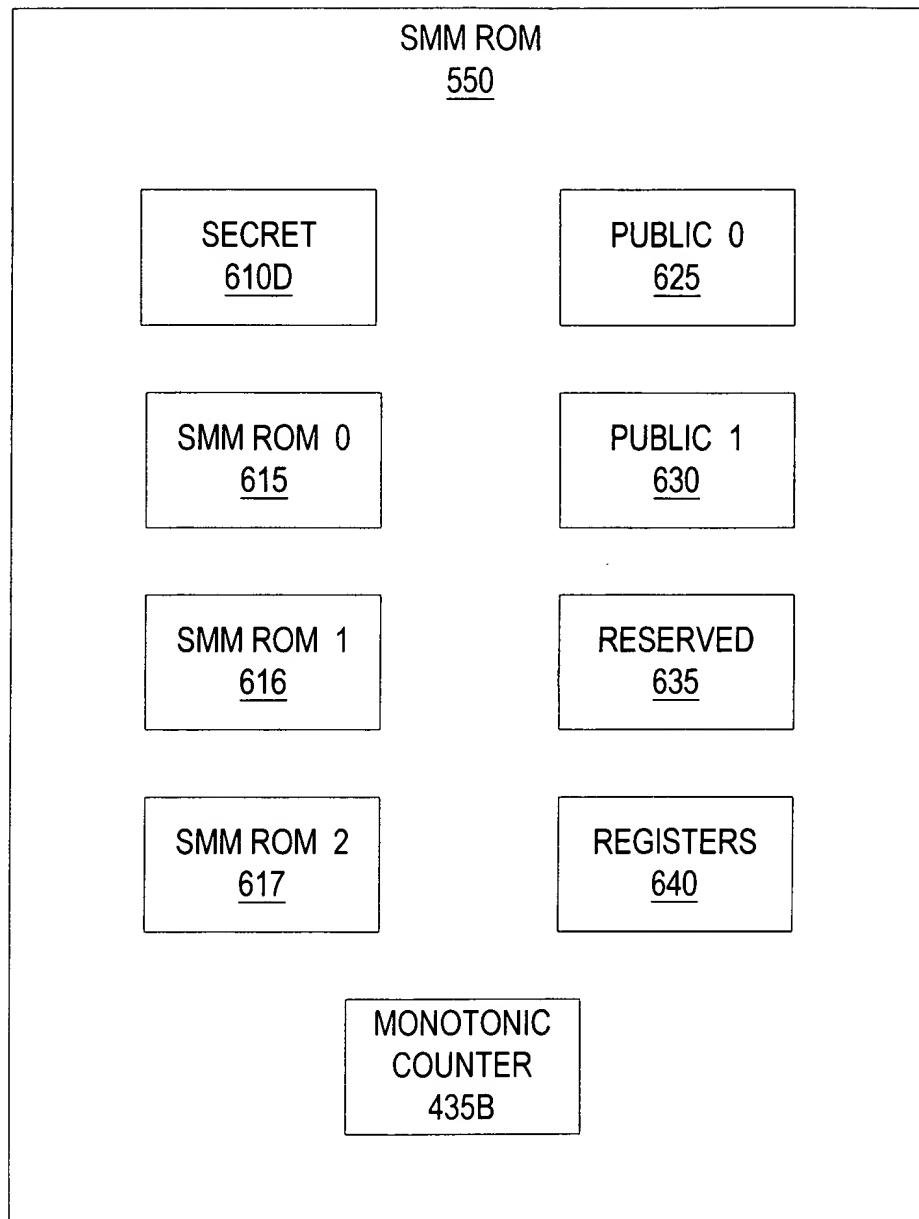


Fig. 8B

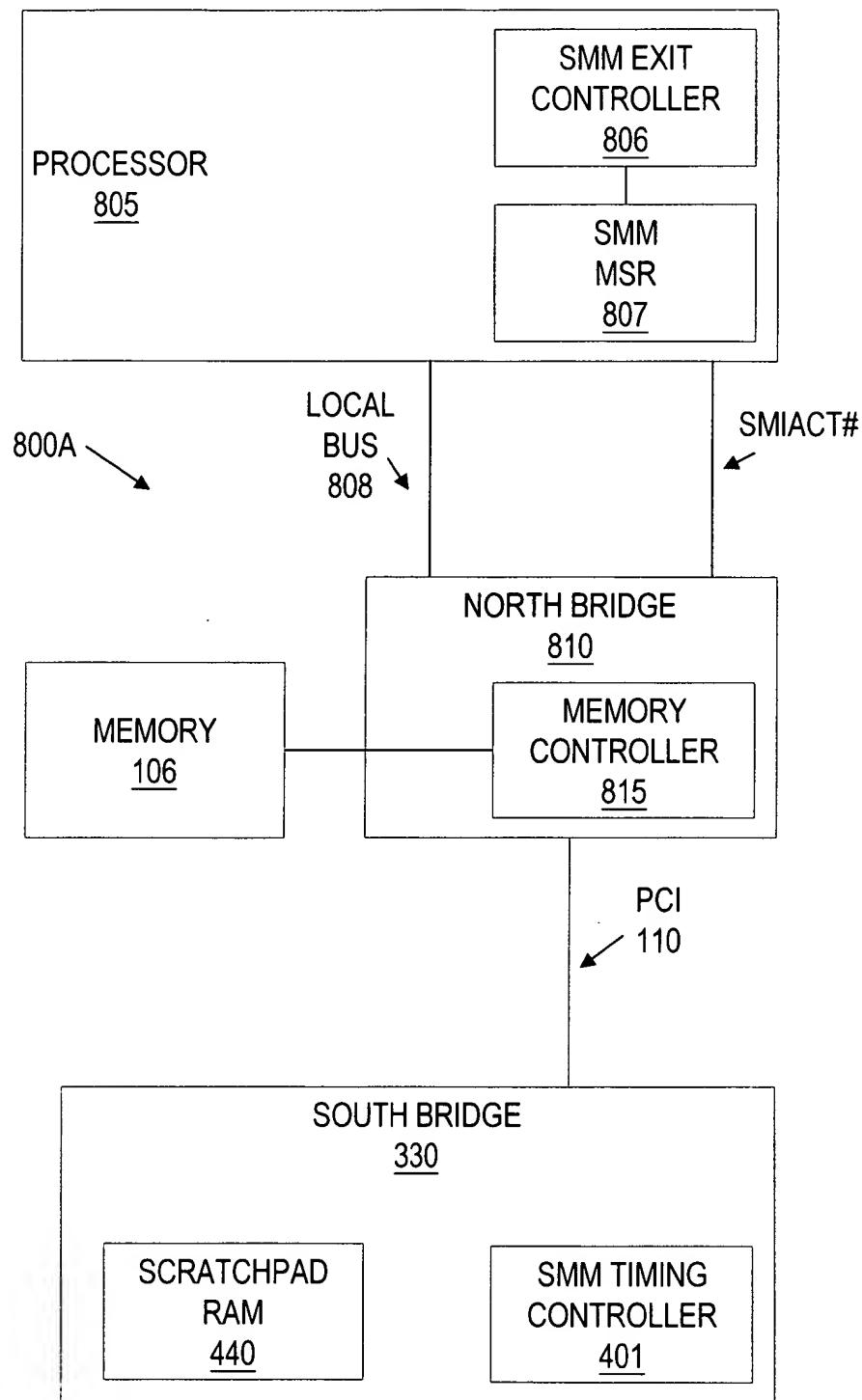
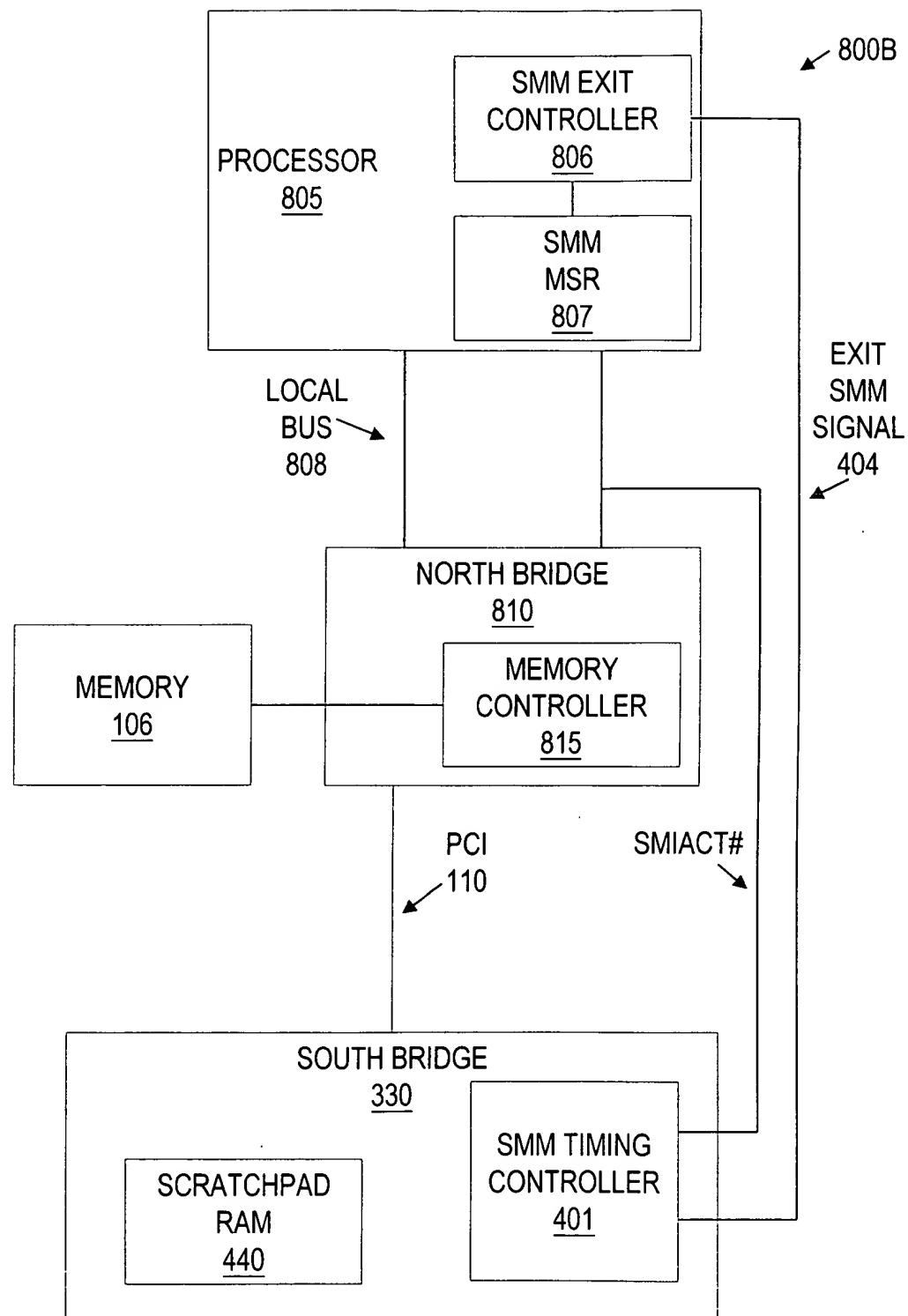


Fig. 9A

**Fig. 9B**

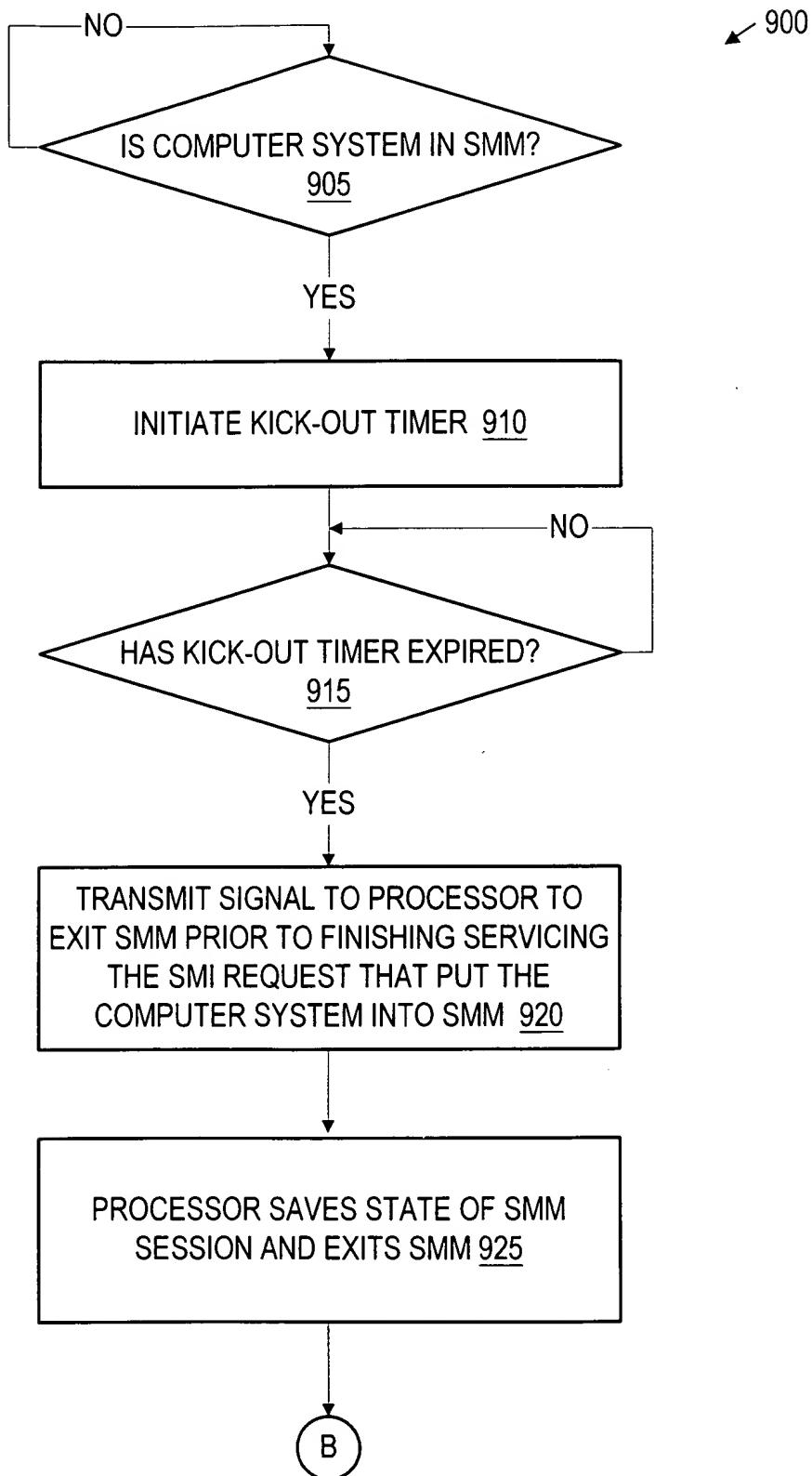


Fig. 10A

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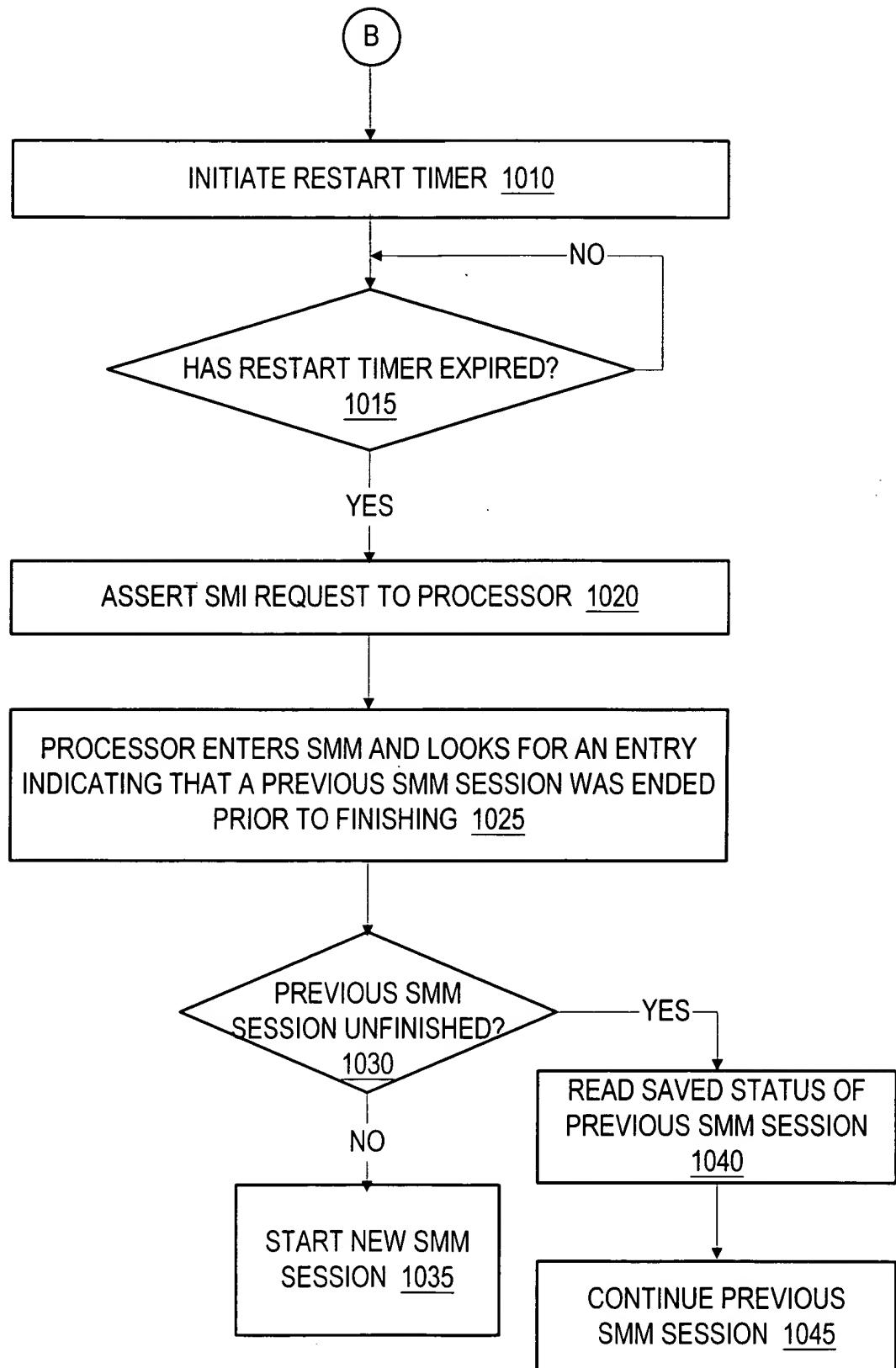


Fig. 10B

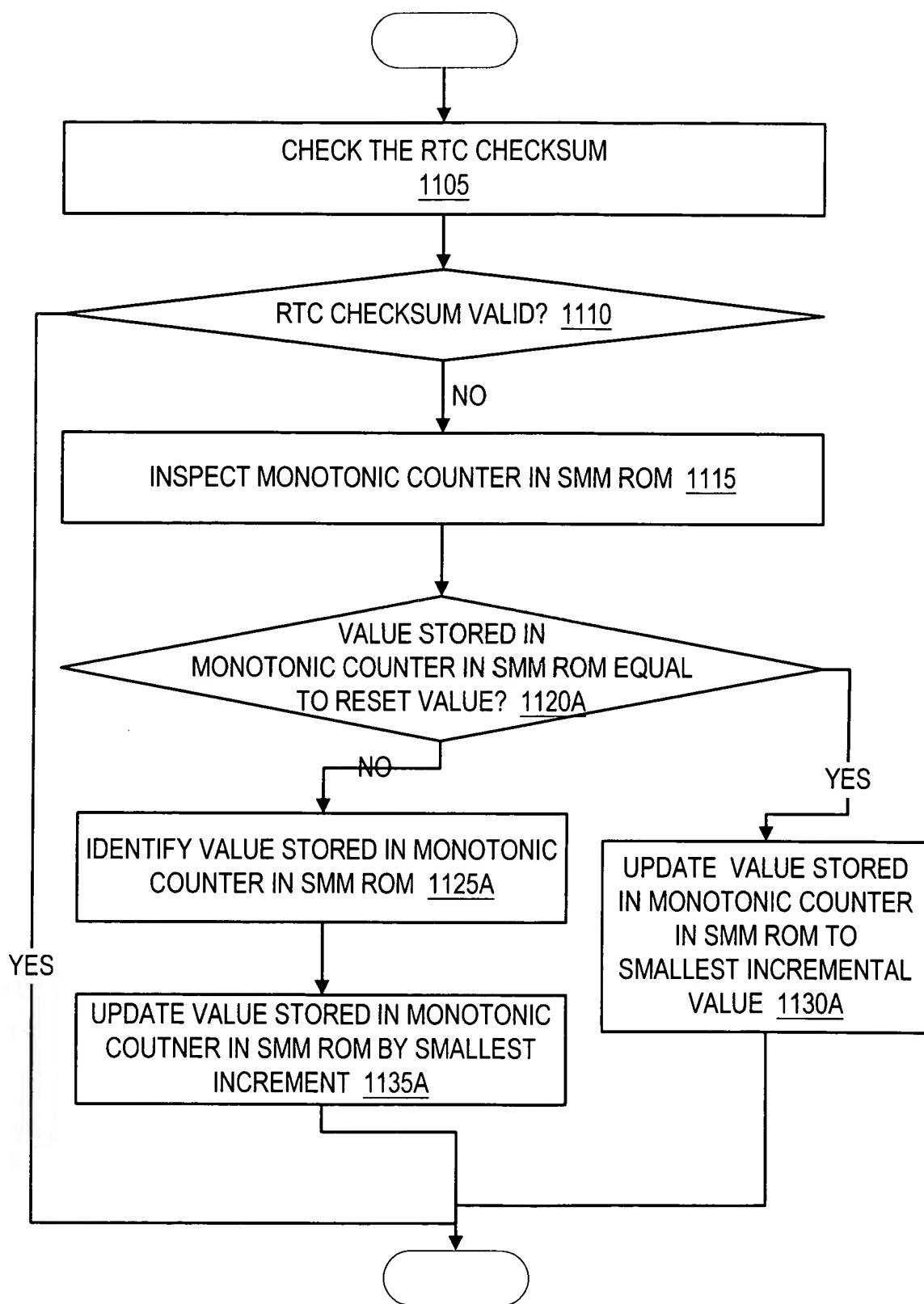


Fig. 11A

1100B

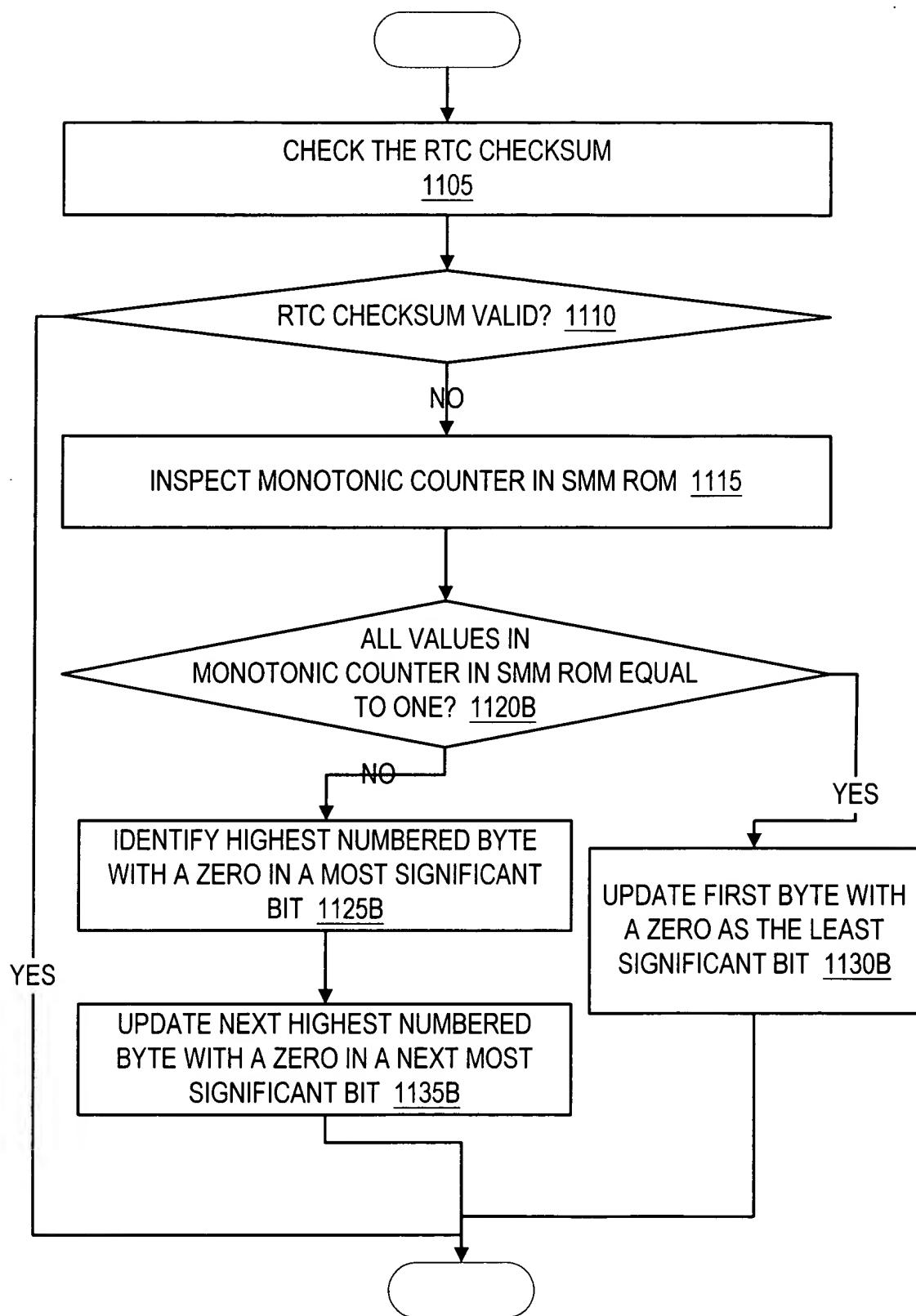


Fig. 11B

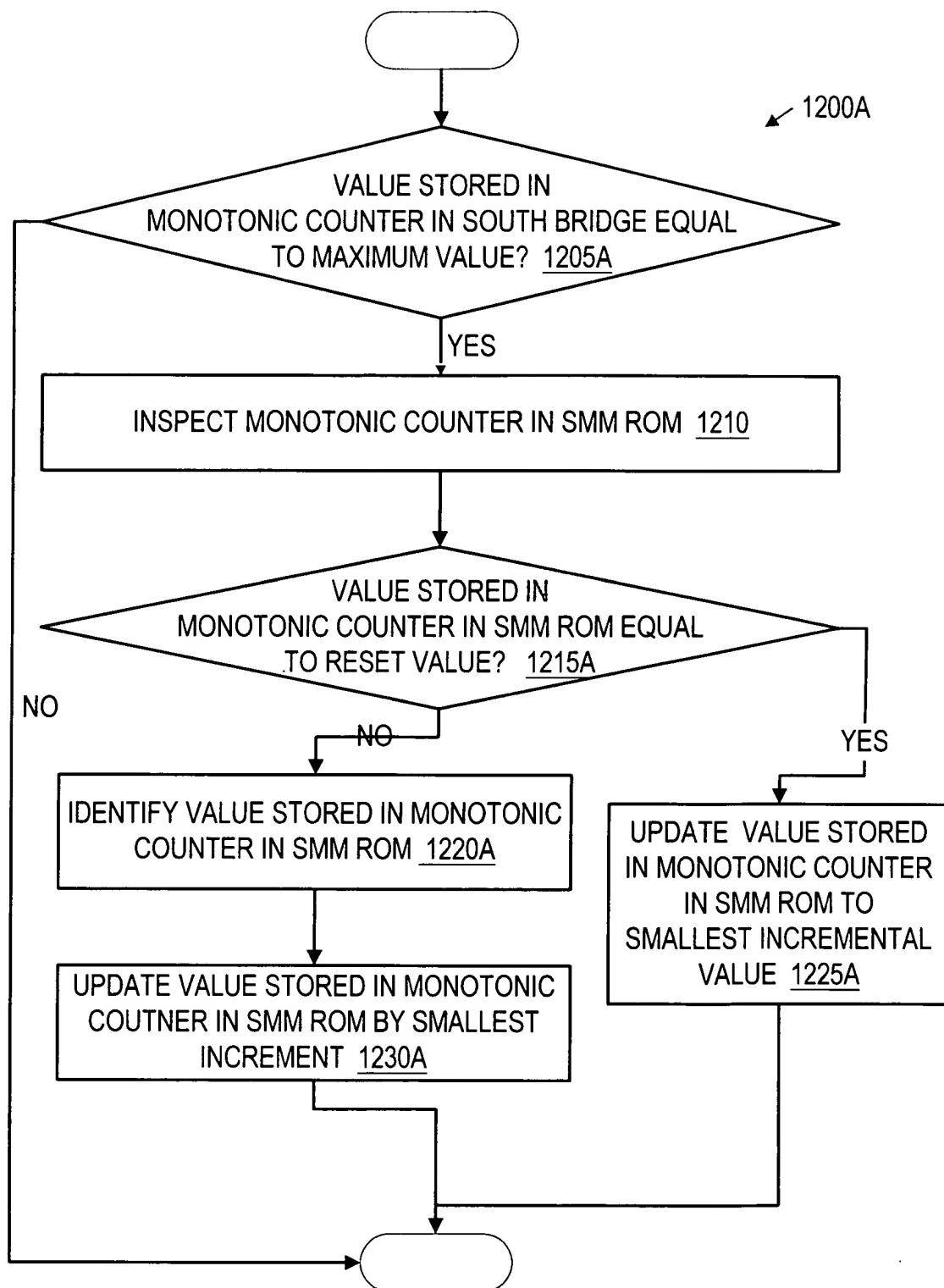


Fig. 12A

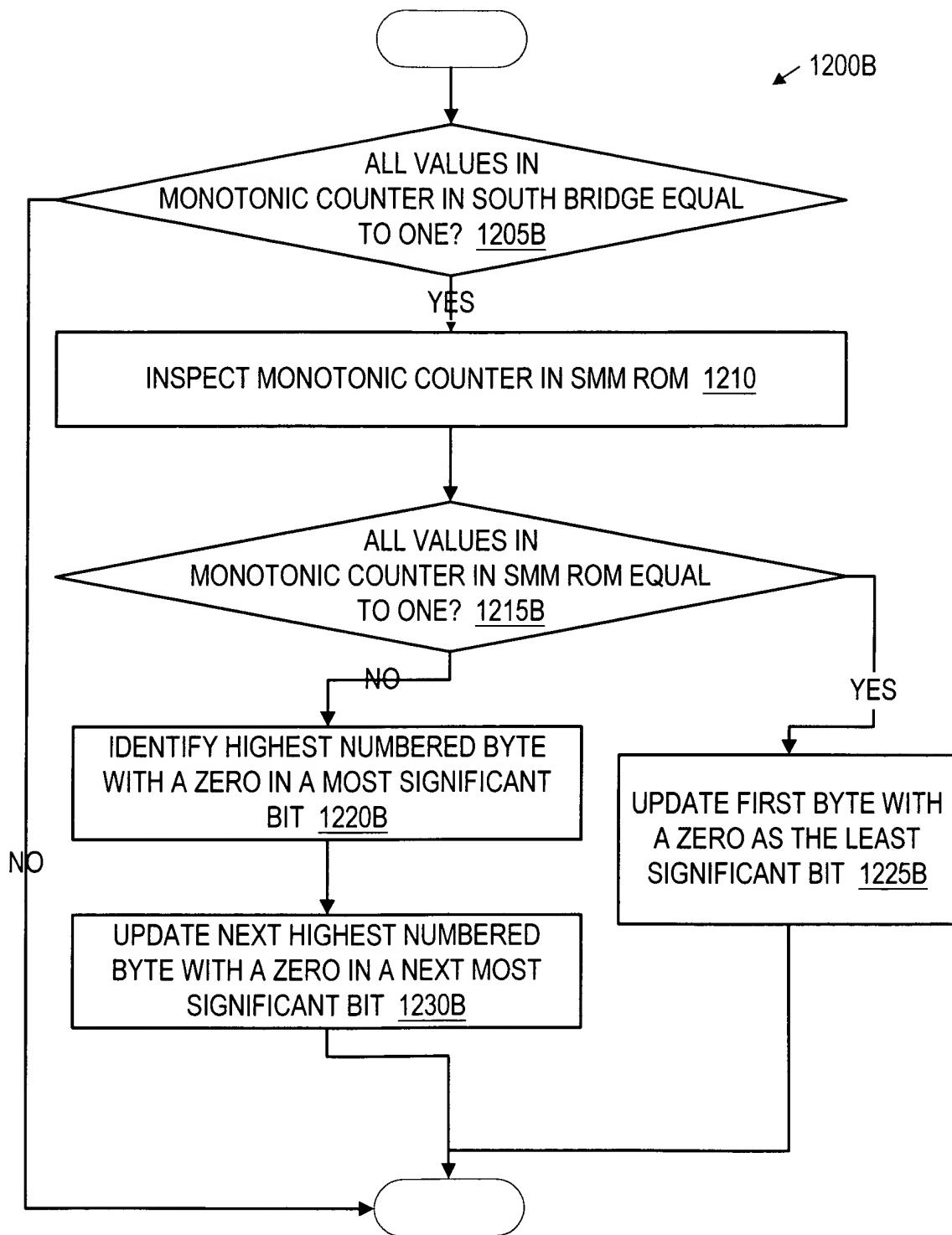


Fig. 12B

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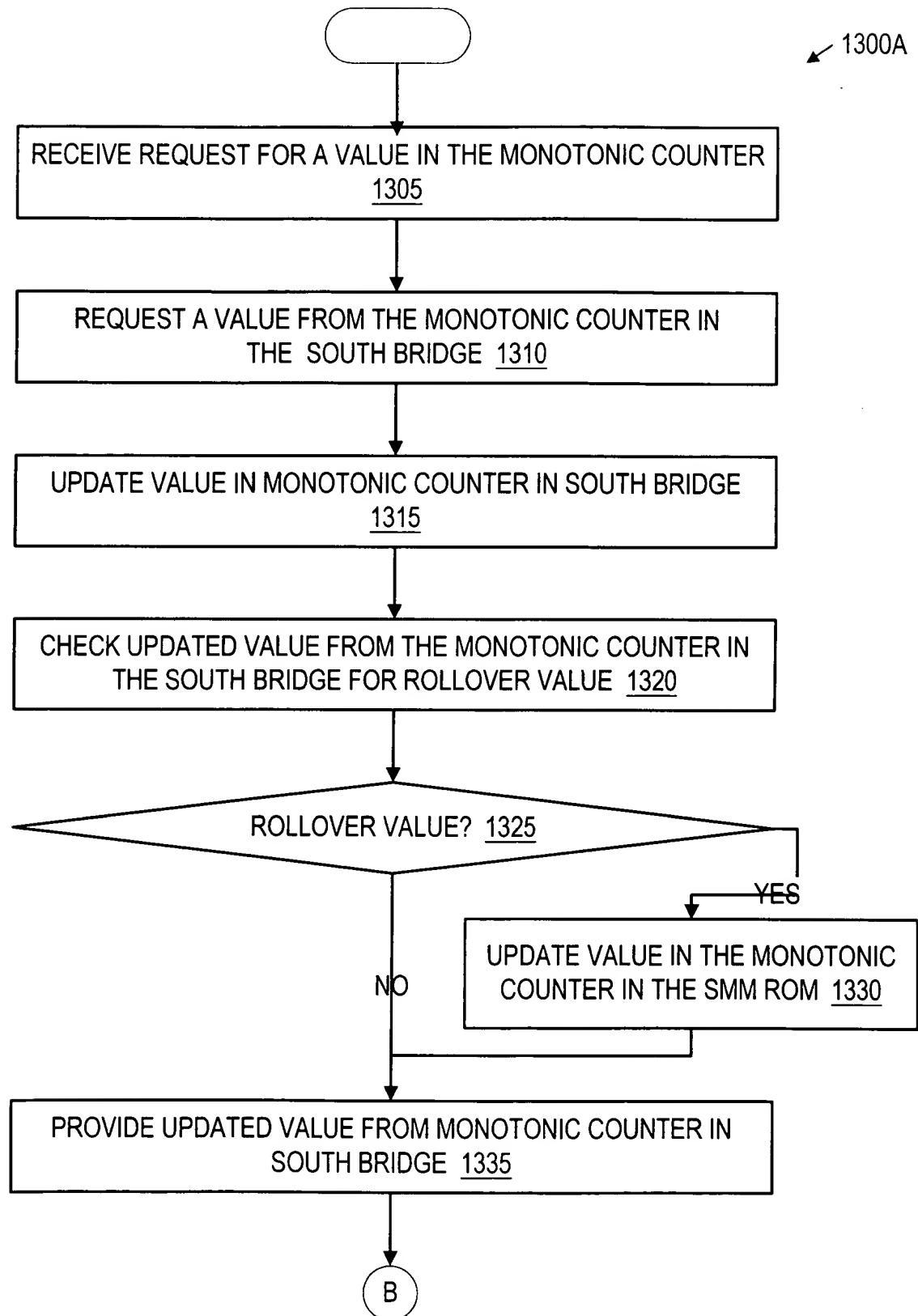


Fig. 13A

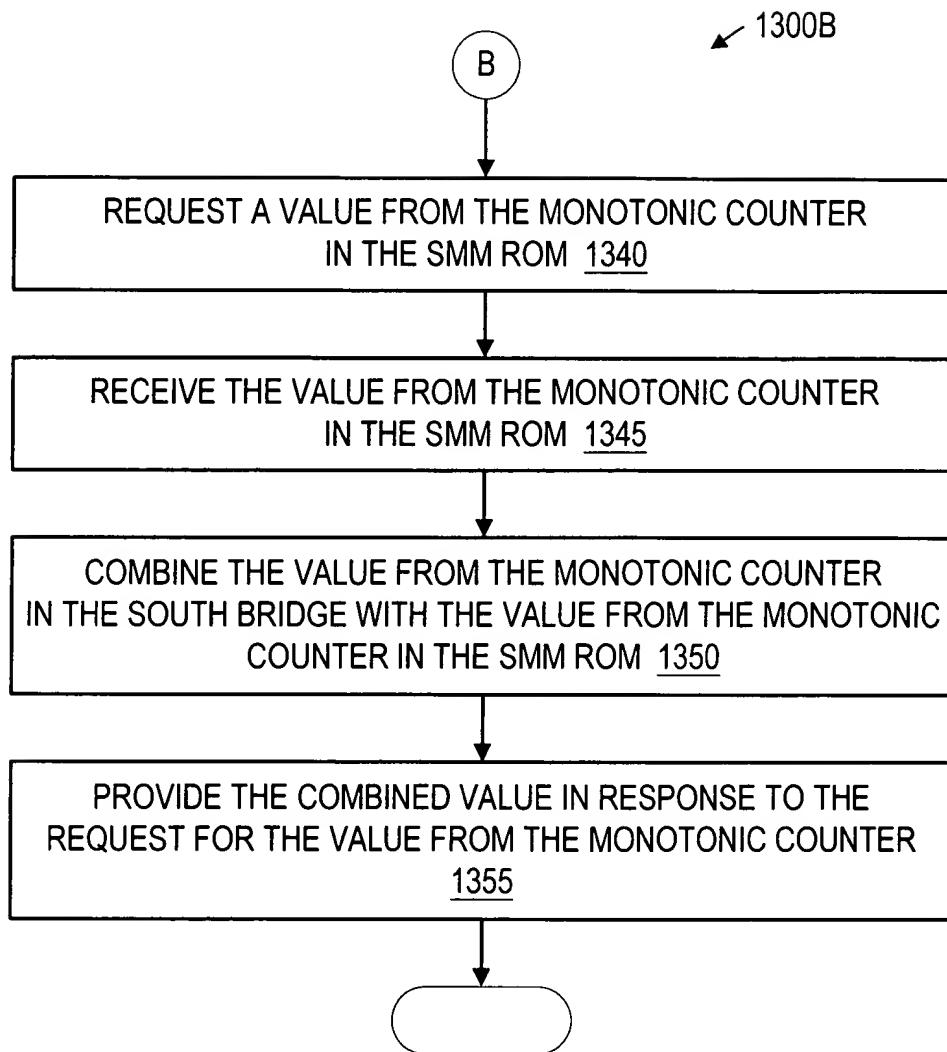


Fig. 13B

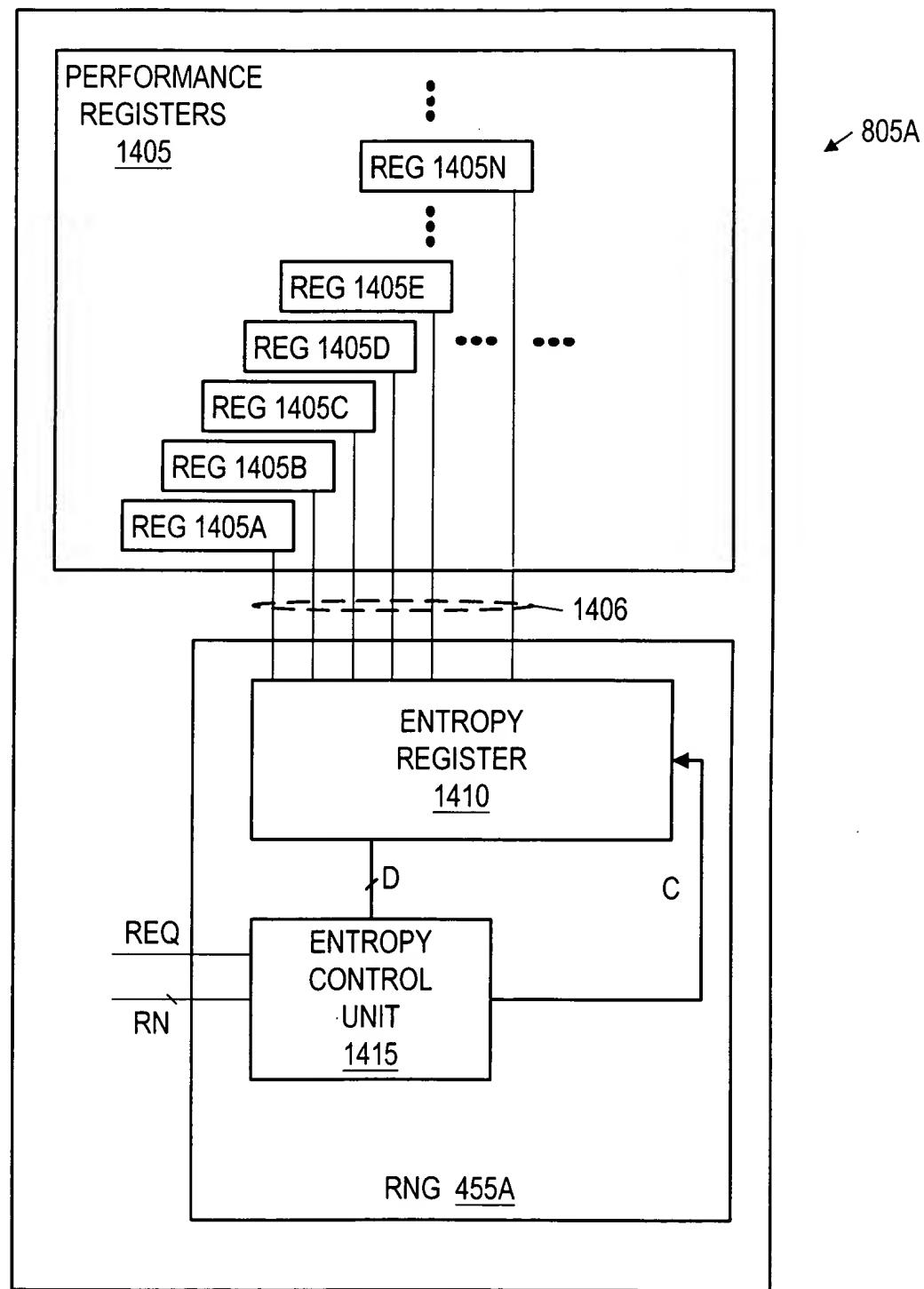


Fig. 14A

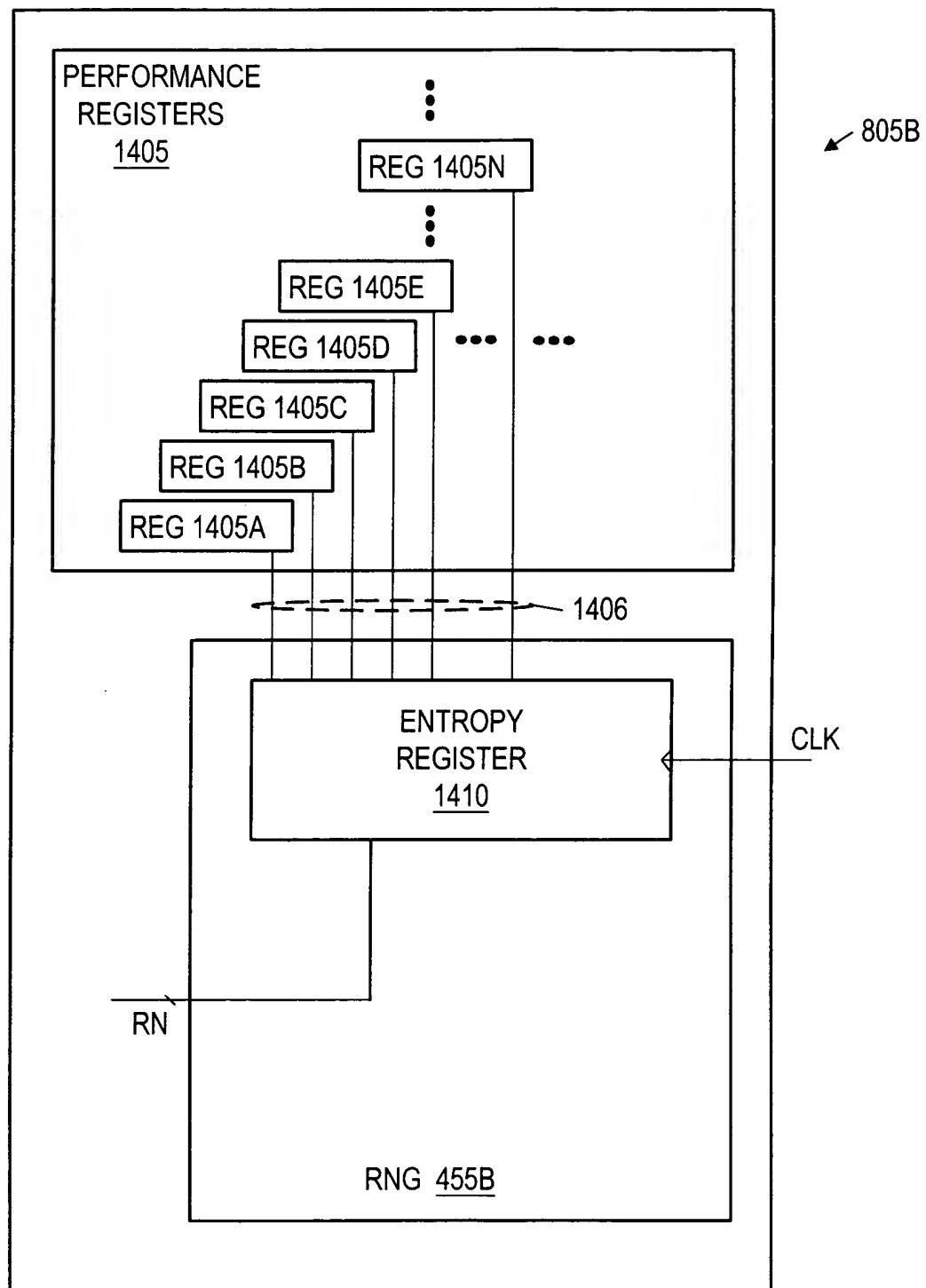


Fig. 14B

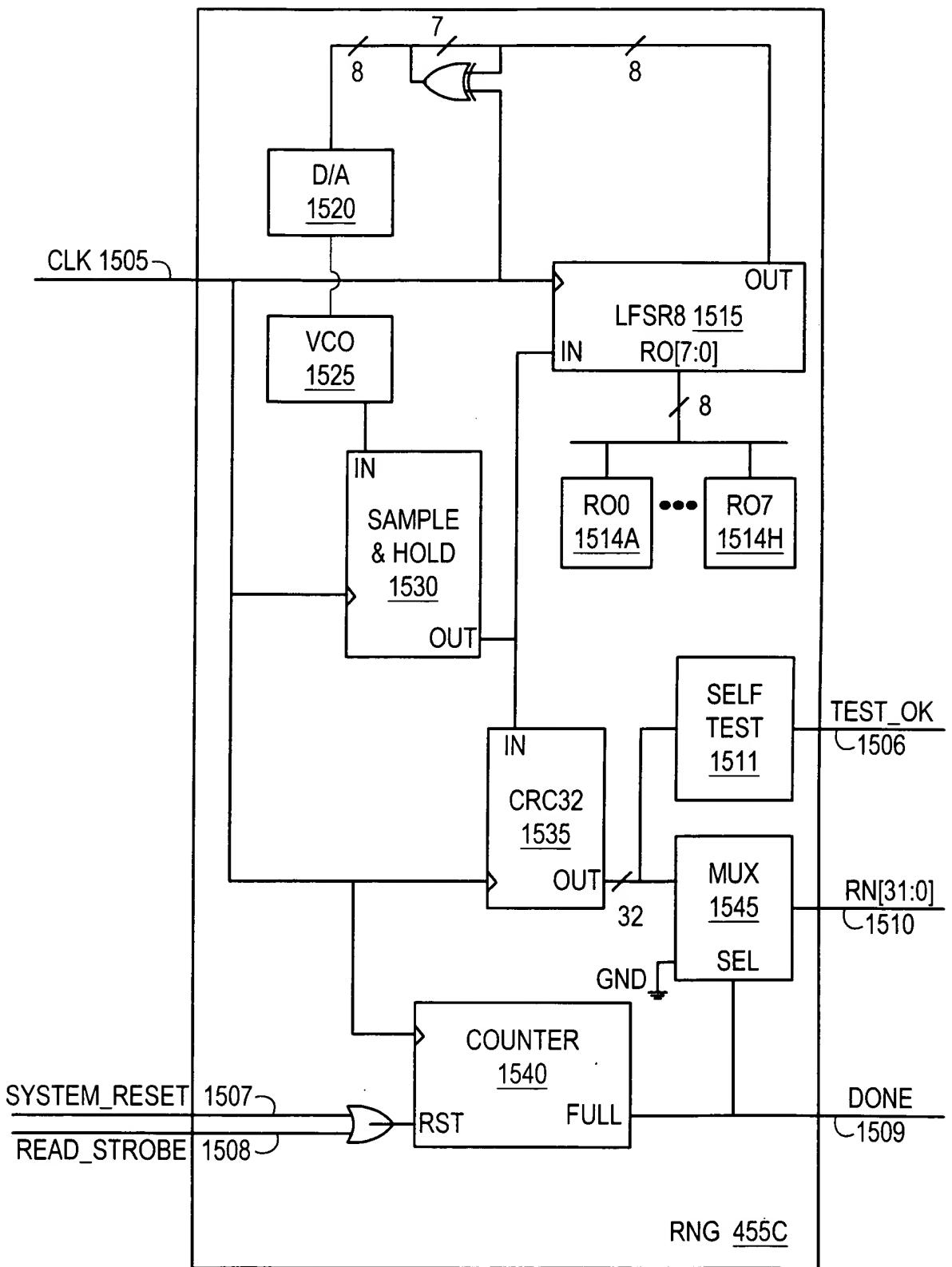


Fig. 15

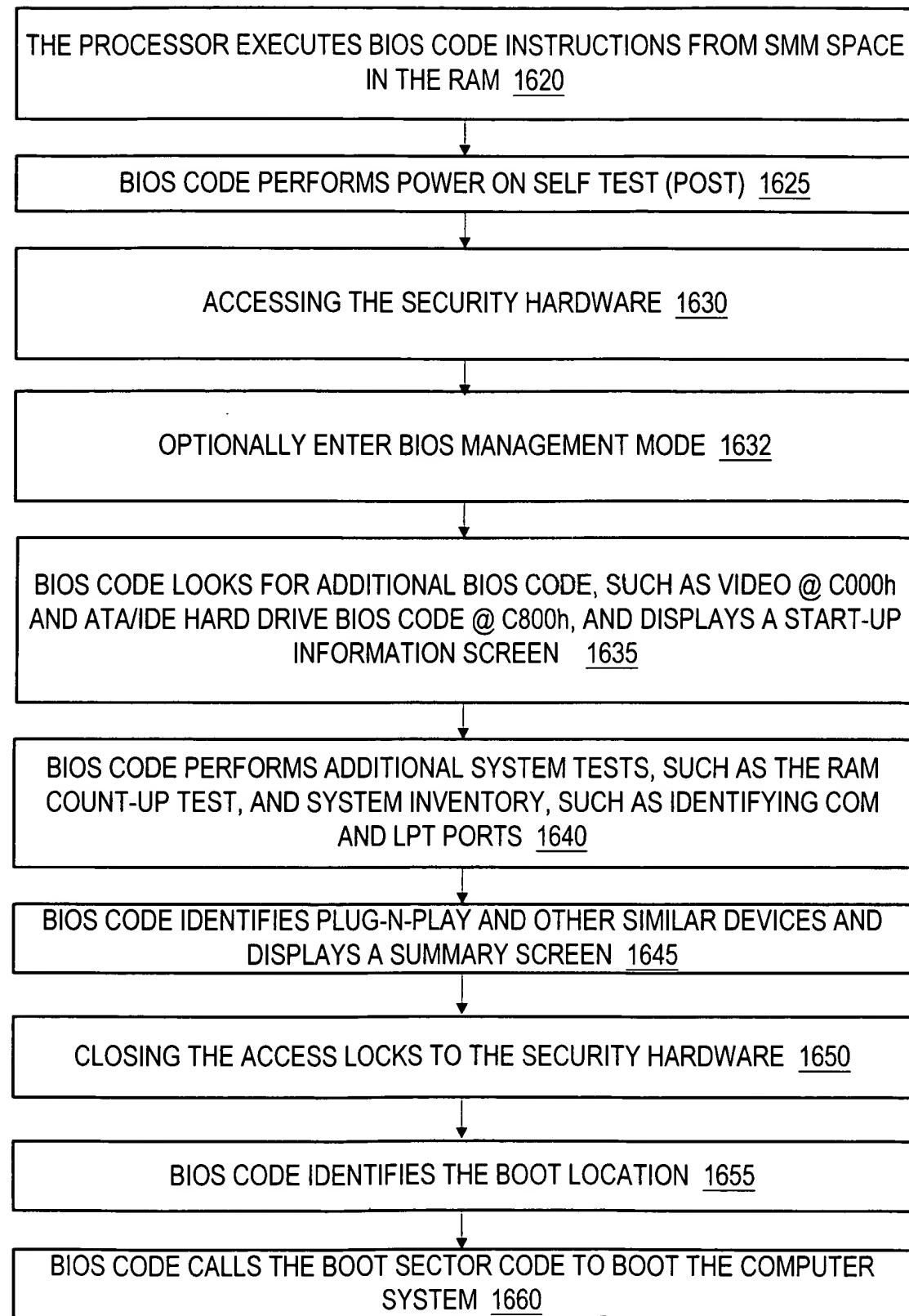
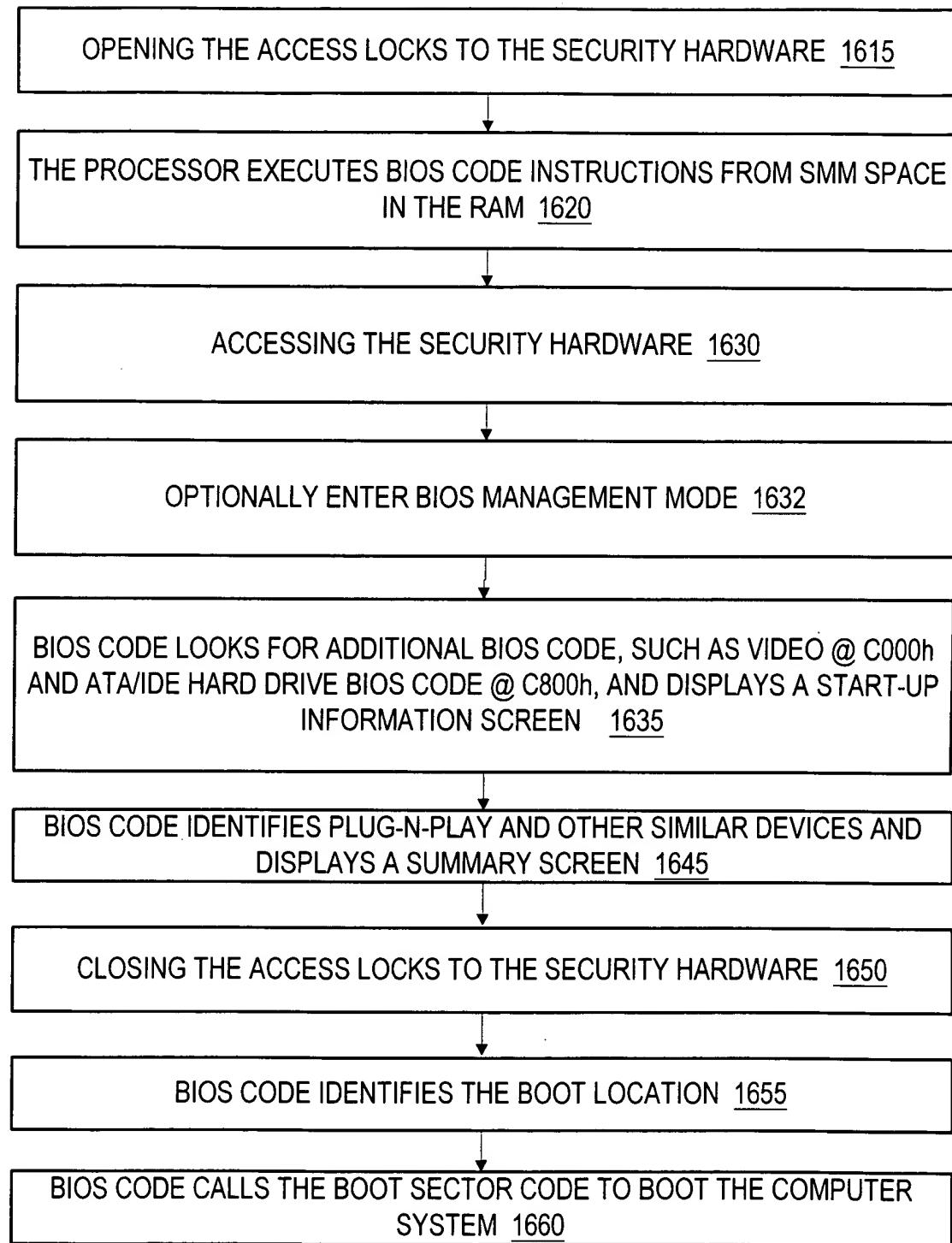
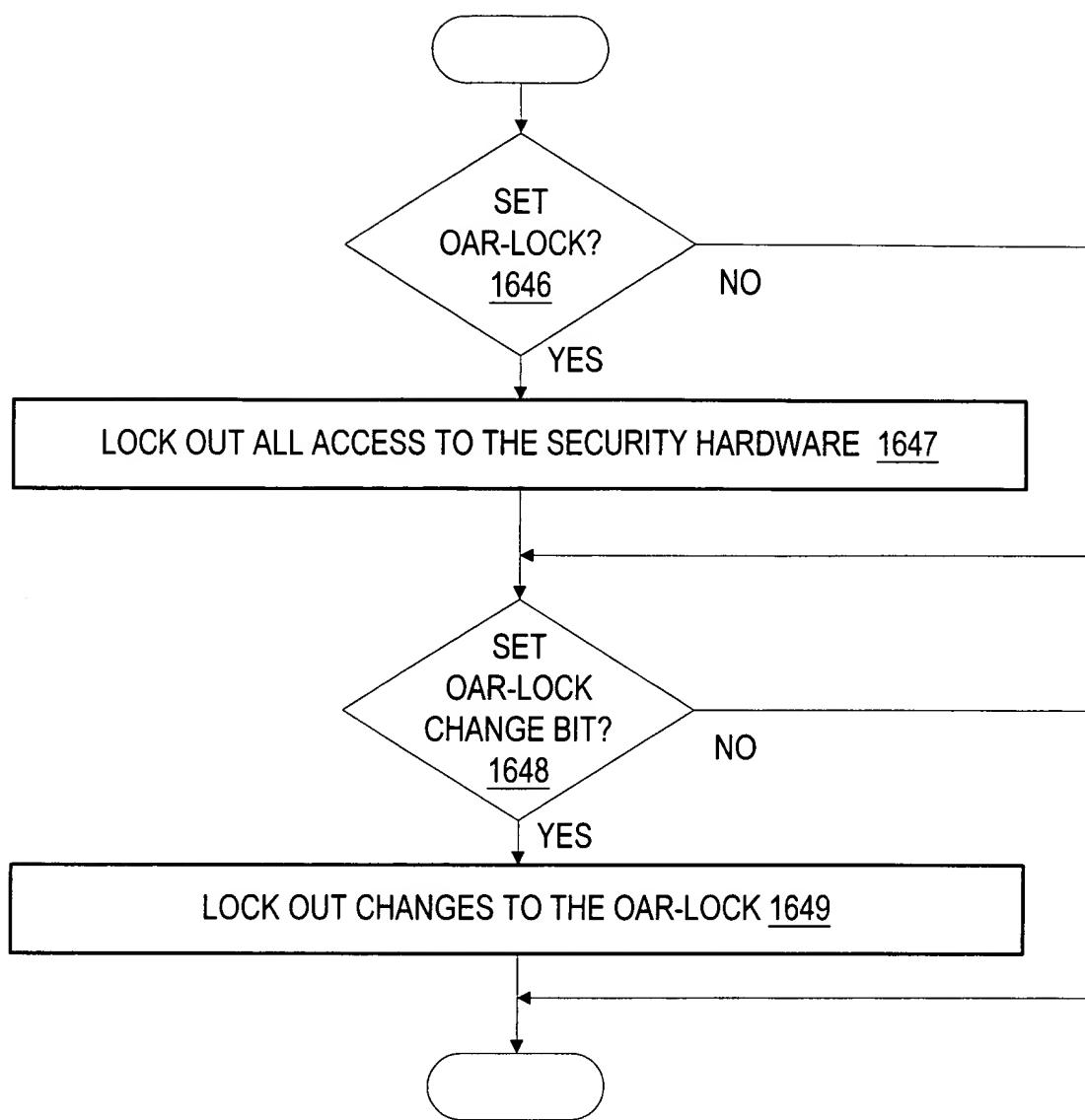


Fig. 16A



**Fig. 16B**

**Fig. 16C**

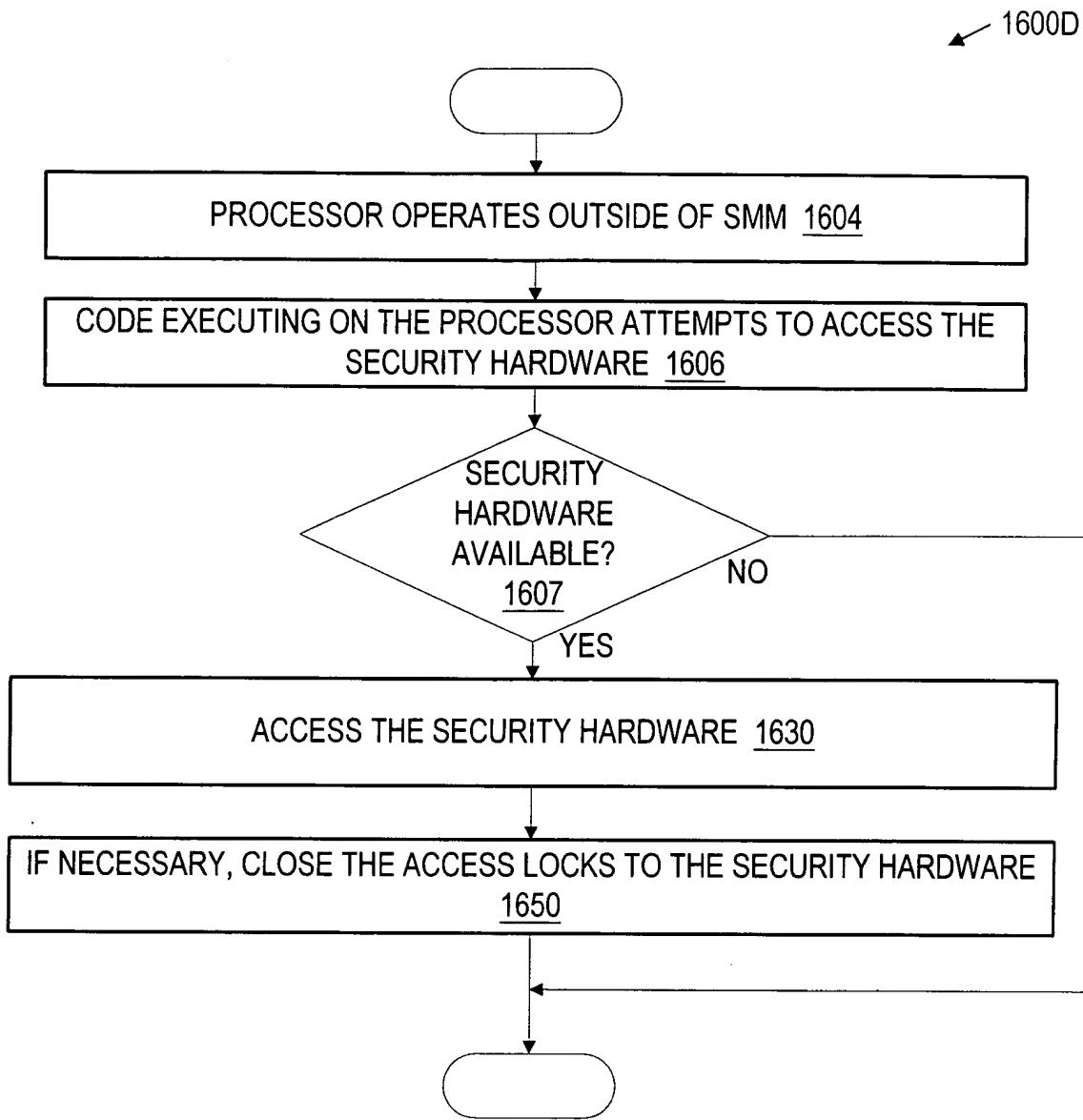


Fig. 16D

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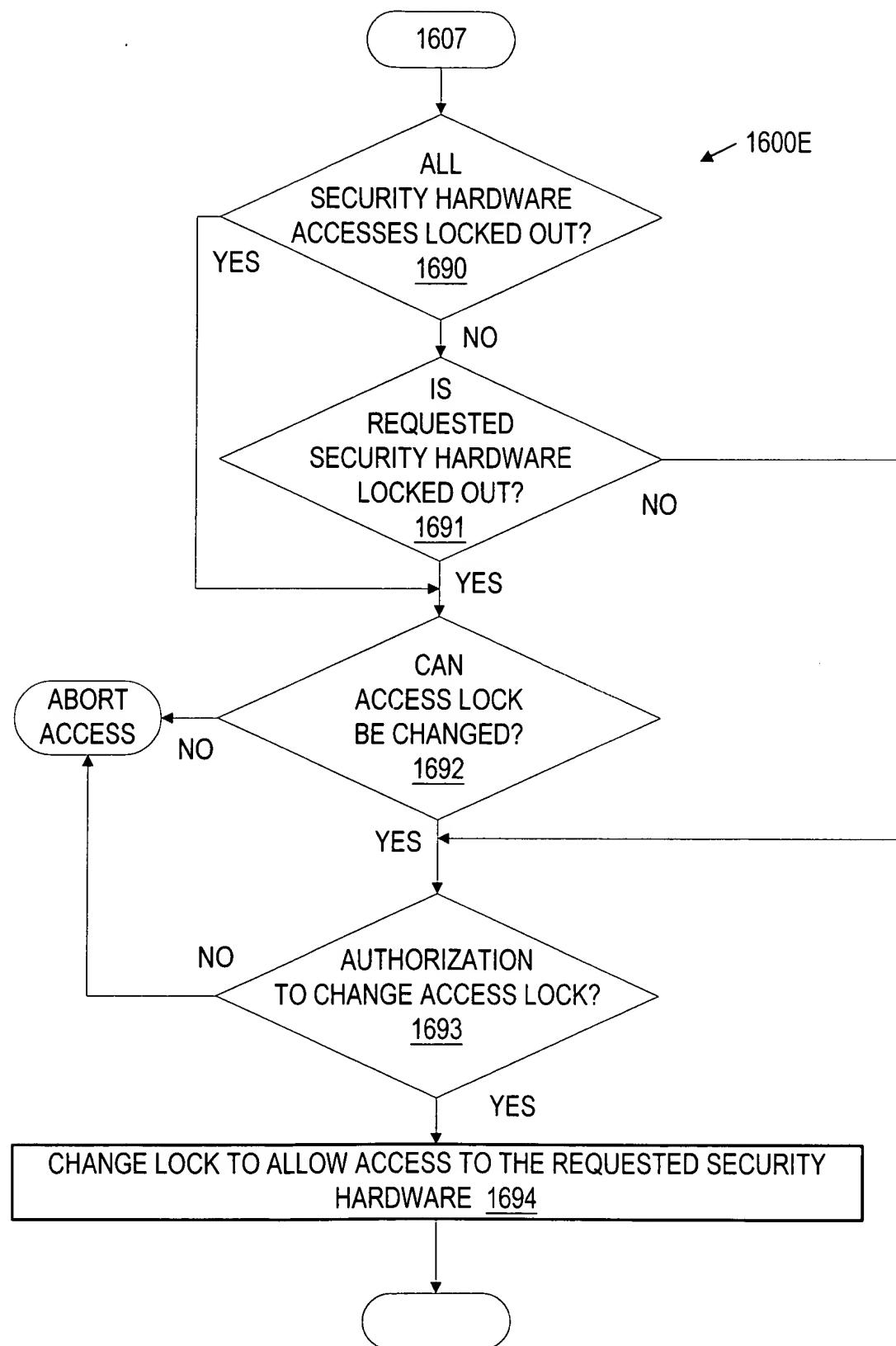
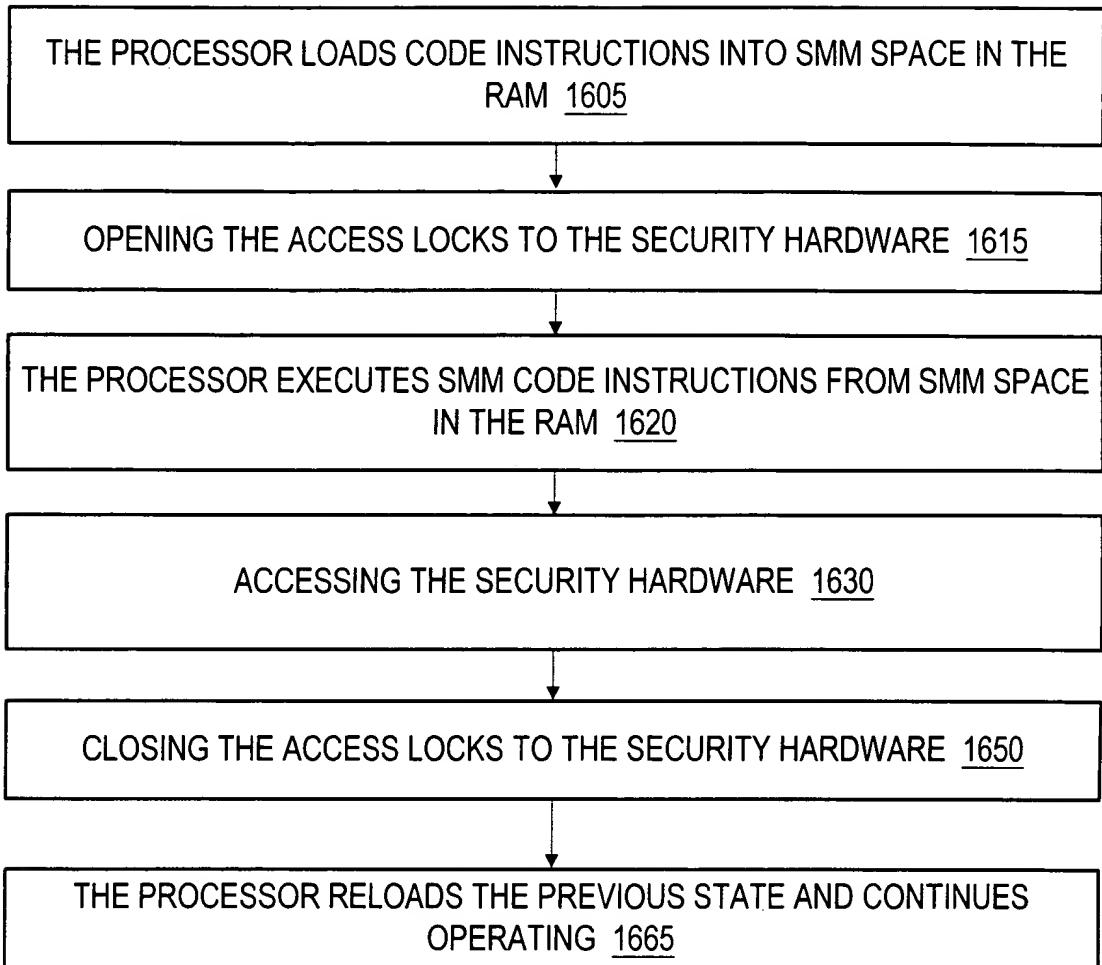
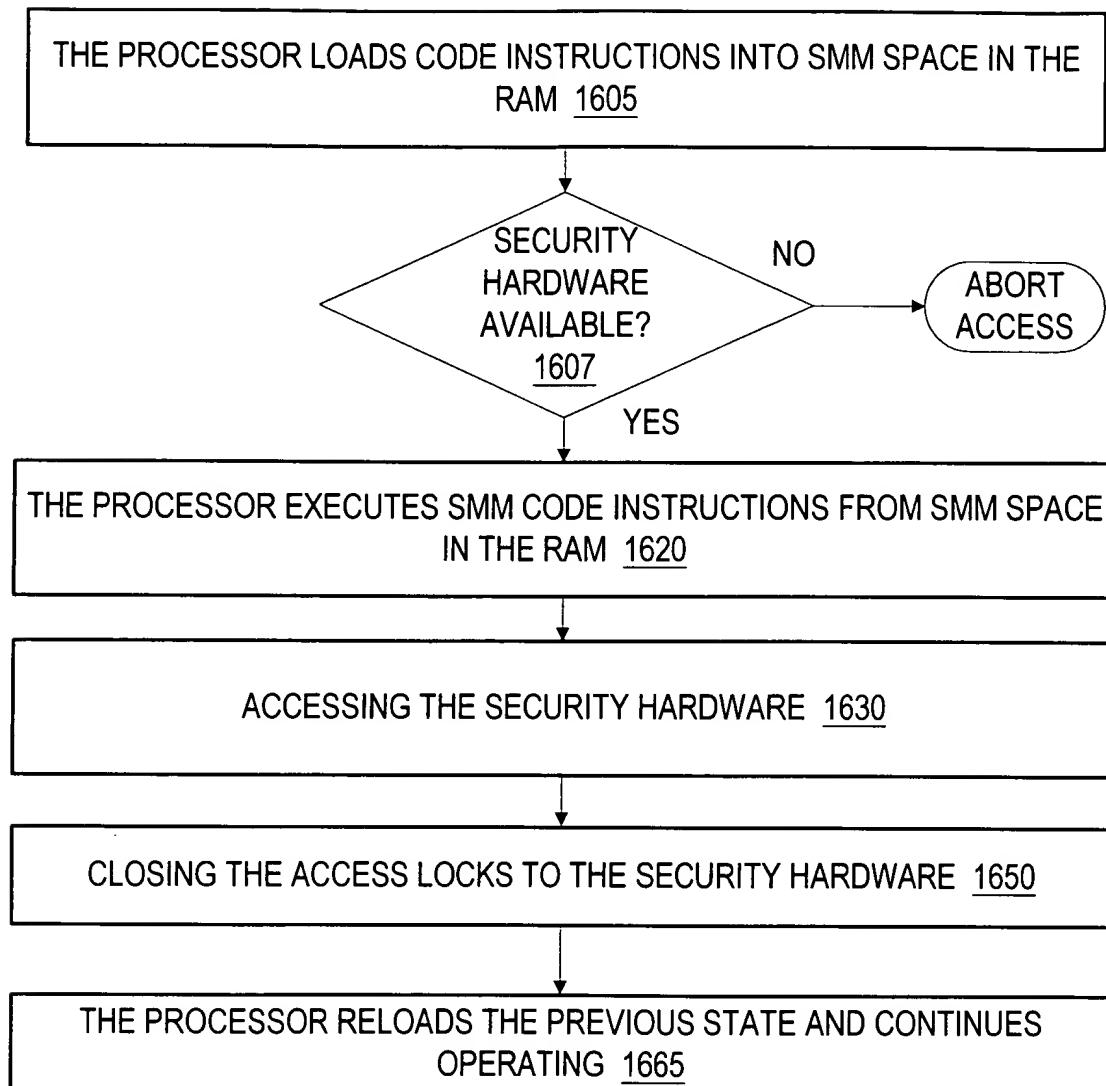


Fig. 16E

1600F

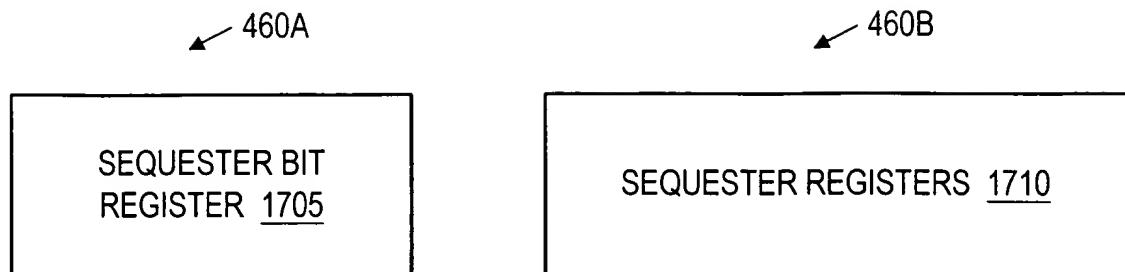


1600G



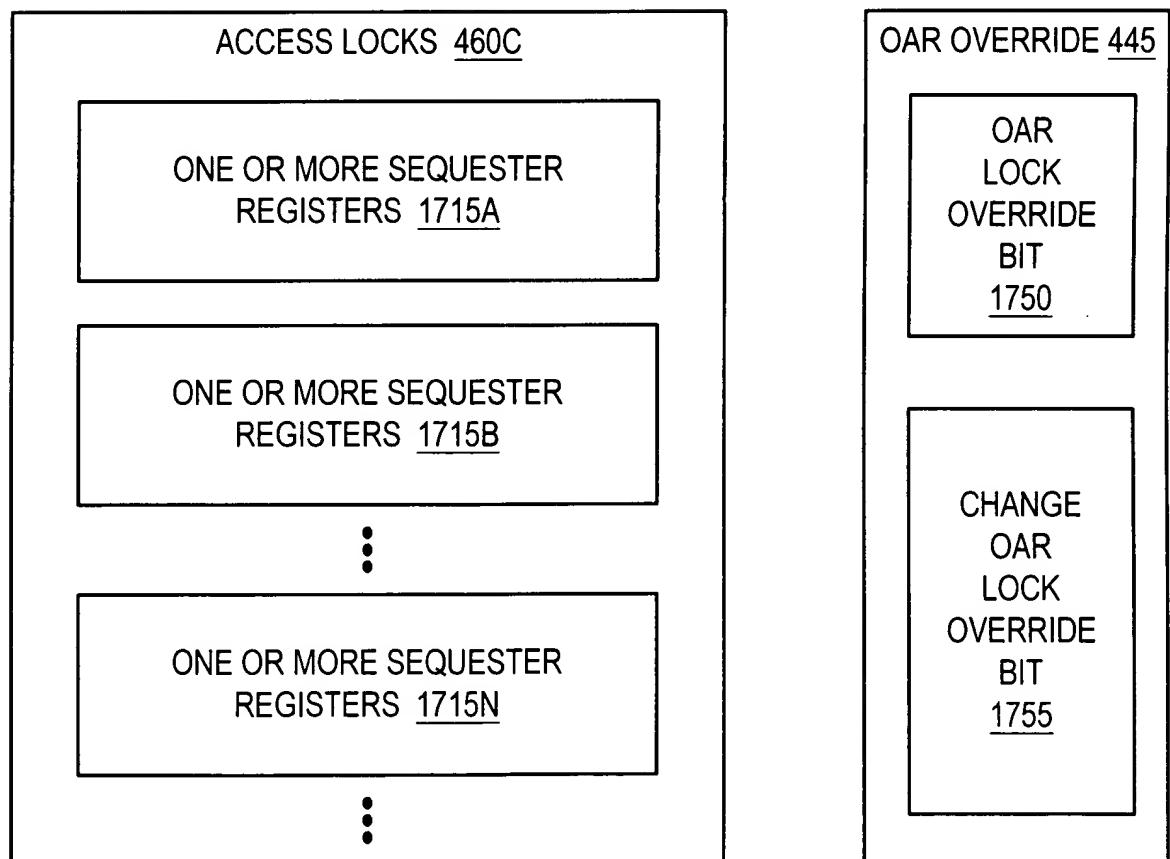
**Fig. 16G**

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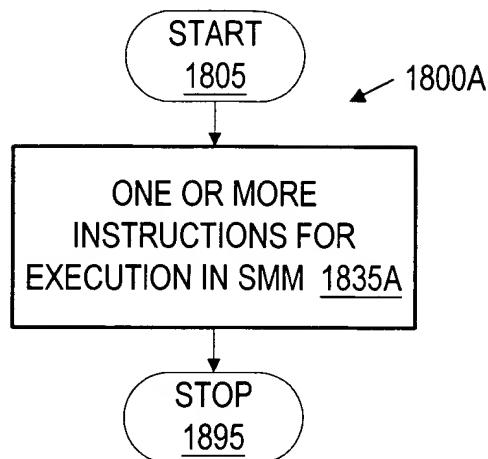
**Fig. 17A**

**Fig. 17B**

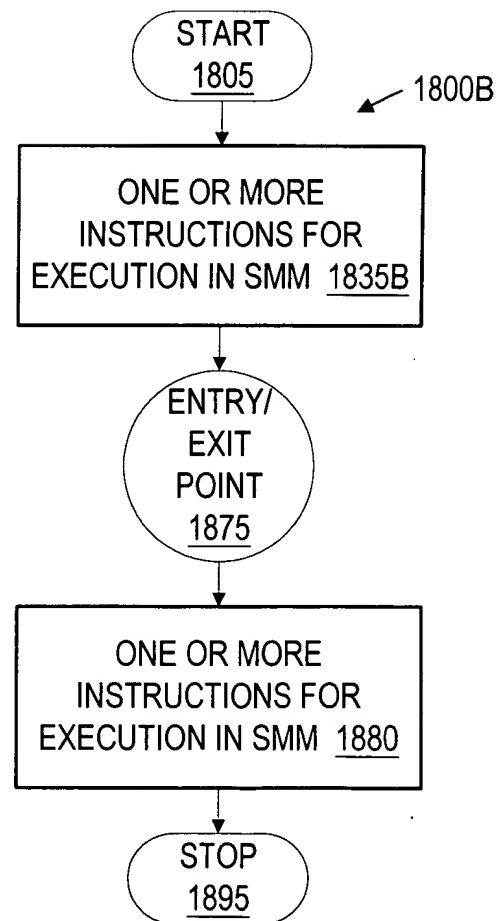


**Fig. 17C**

**Fig. 17D**



**Fig. 18A  
PRIOR ART**



**Fig. 18B**

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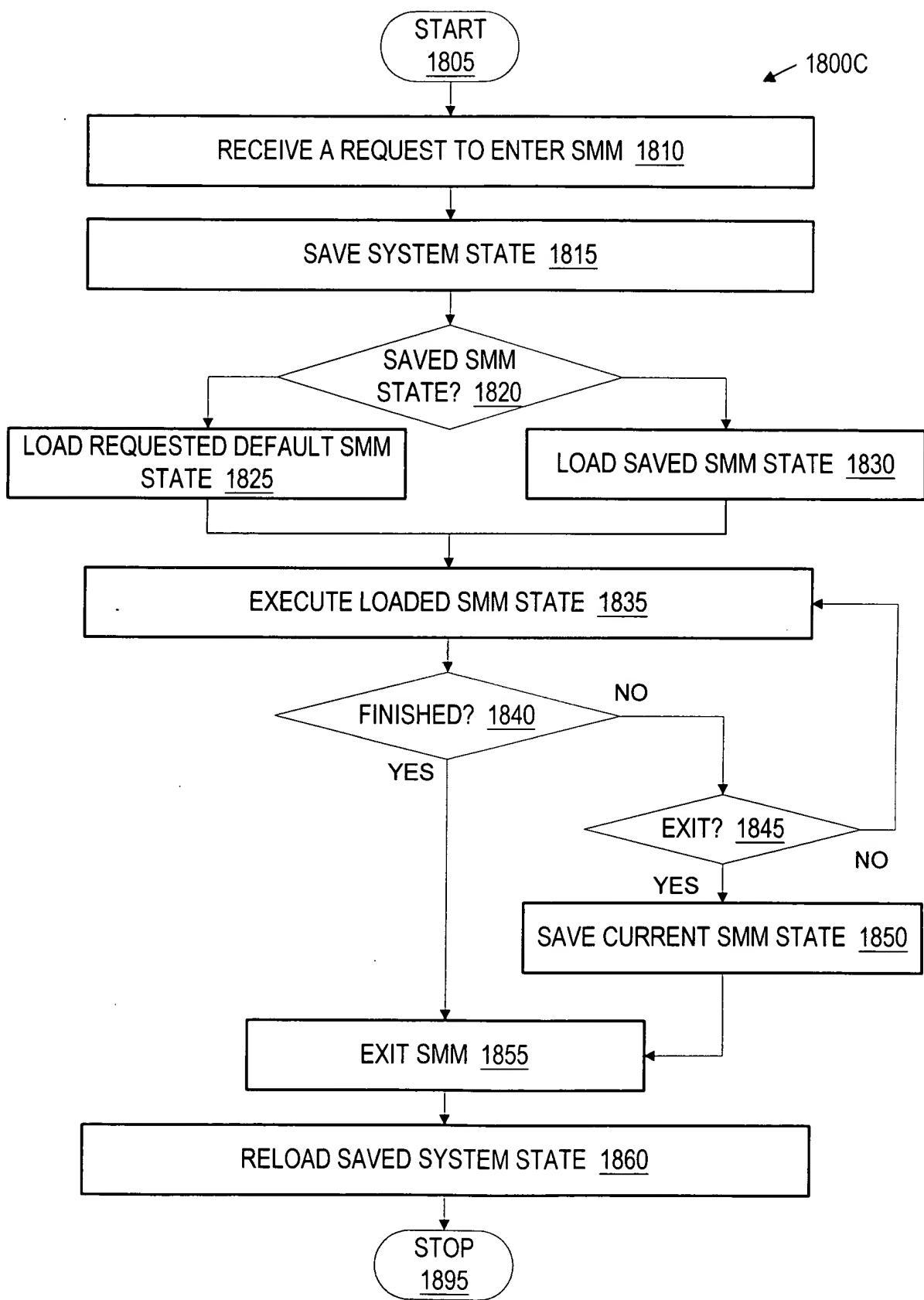


Fig. 18C

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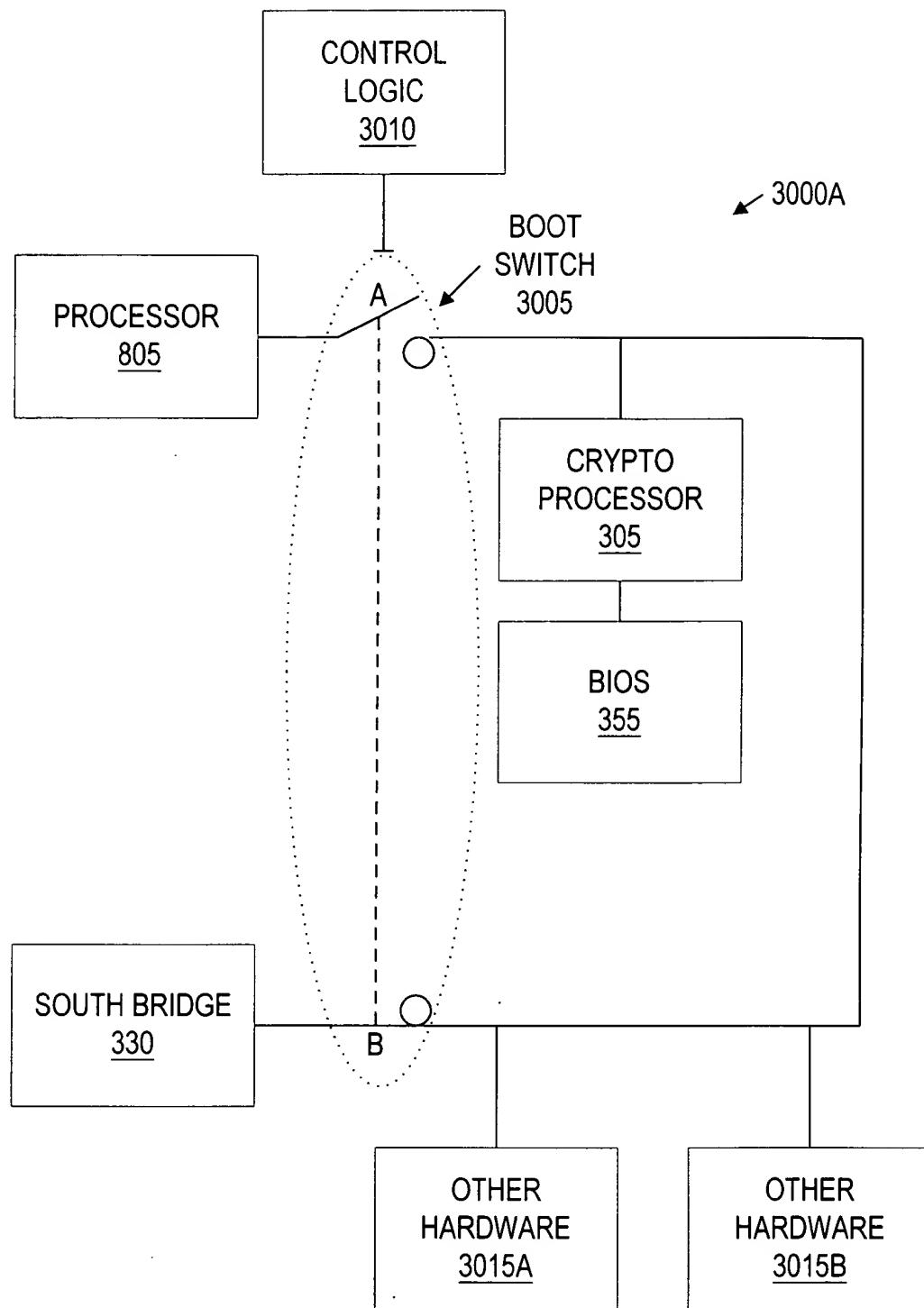
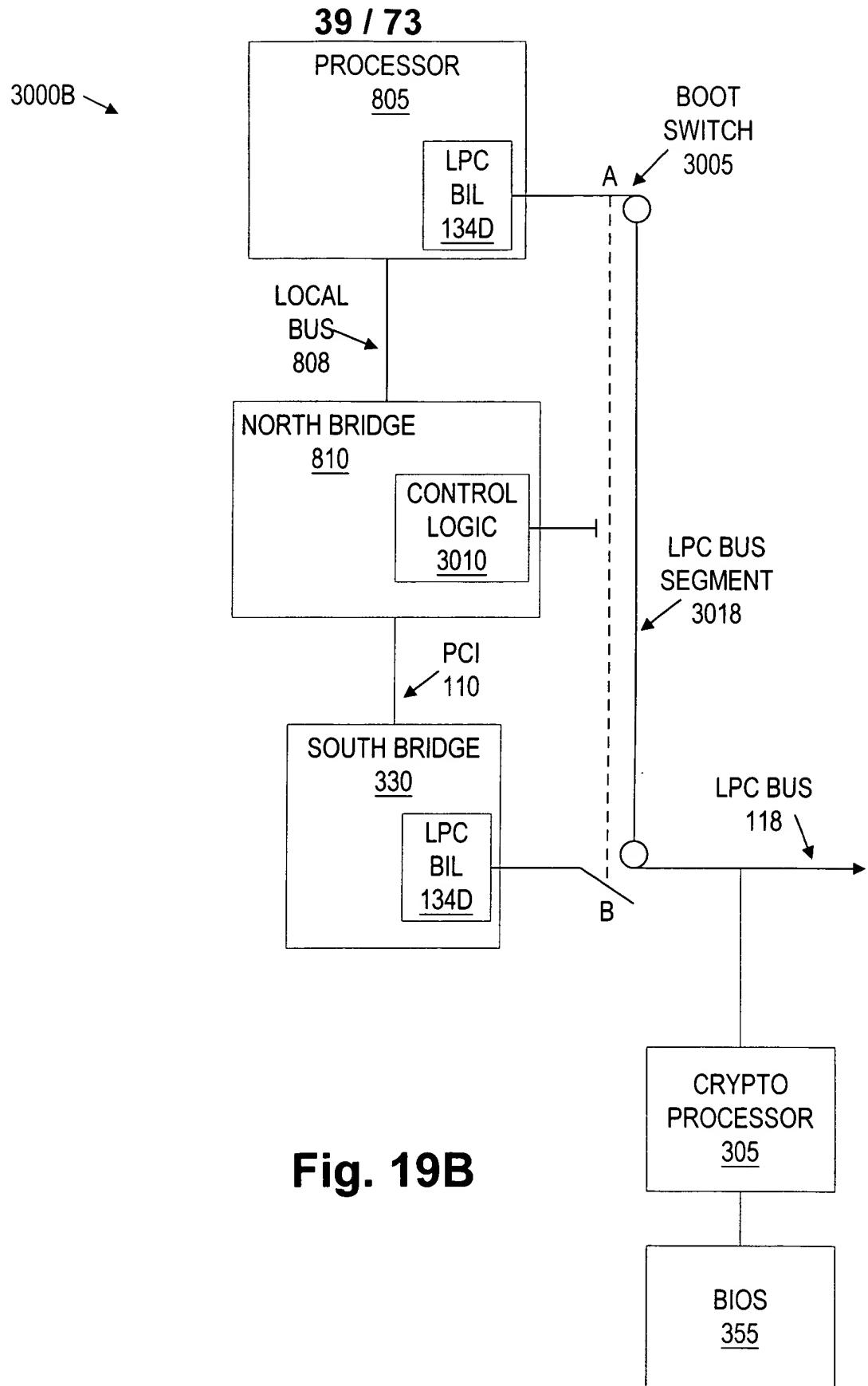


Fig. 19A



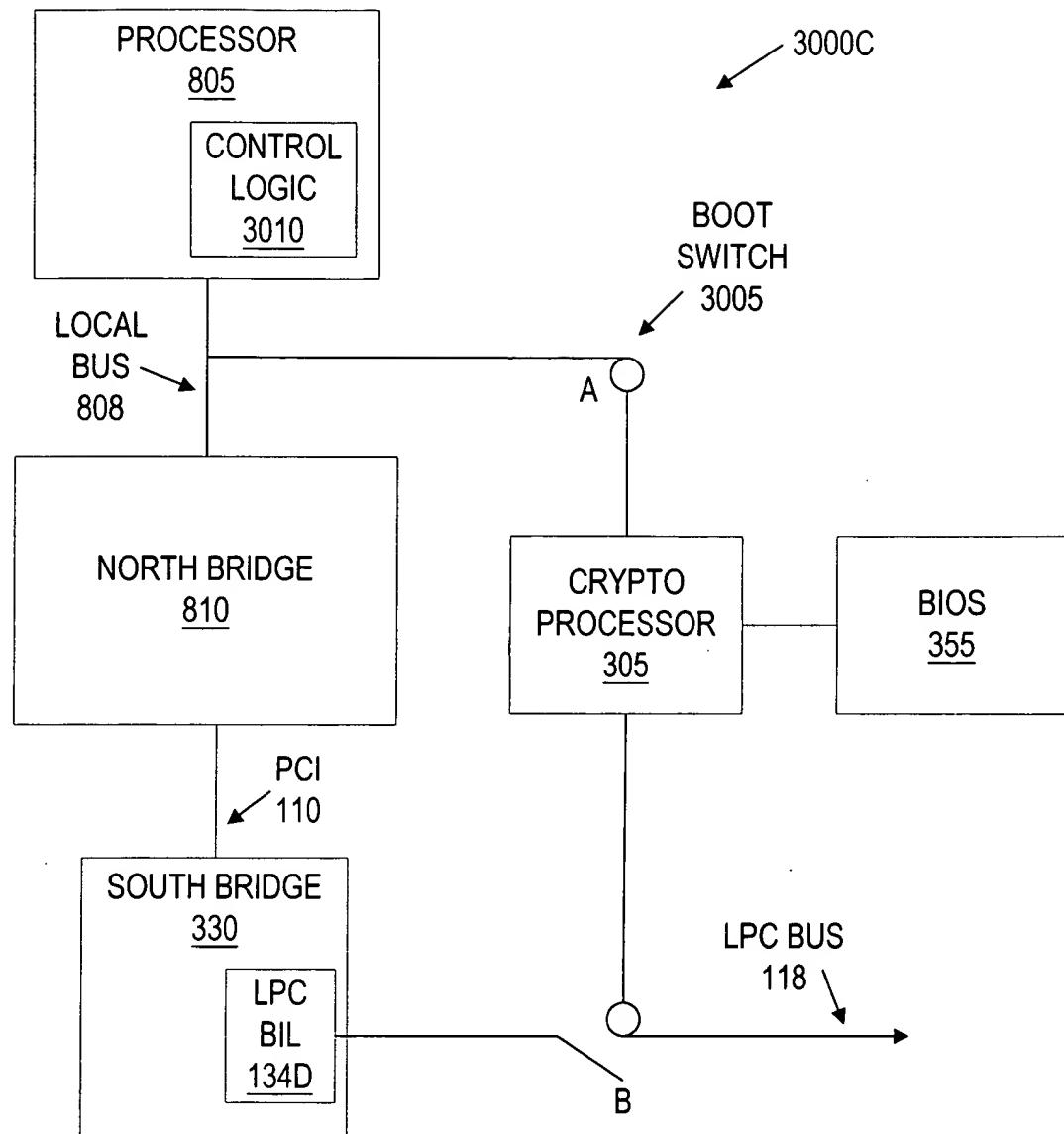


Fig. 19C

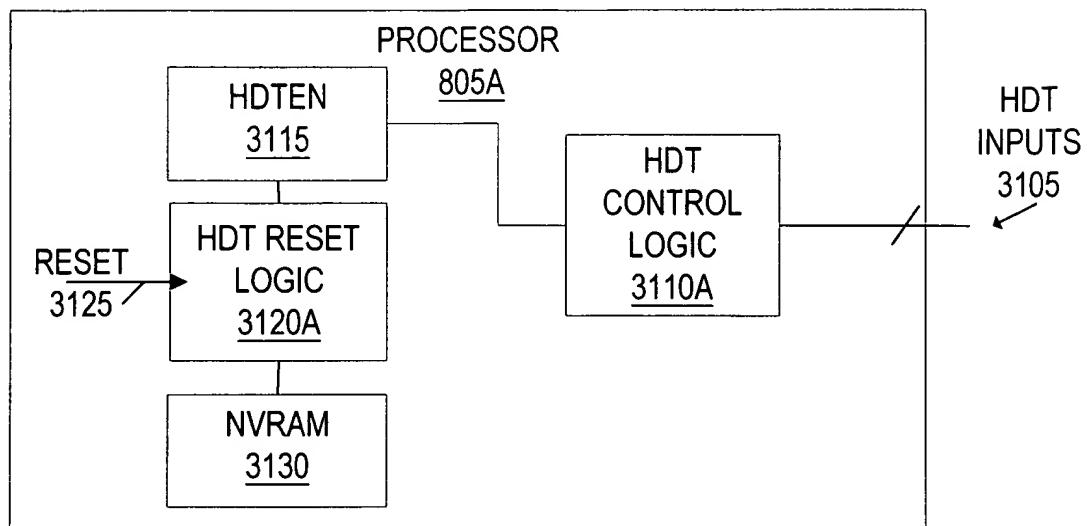


Fig. 20A

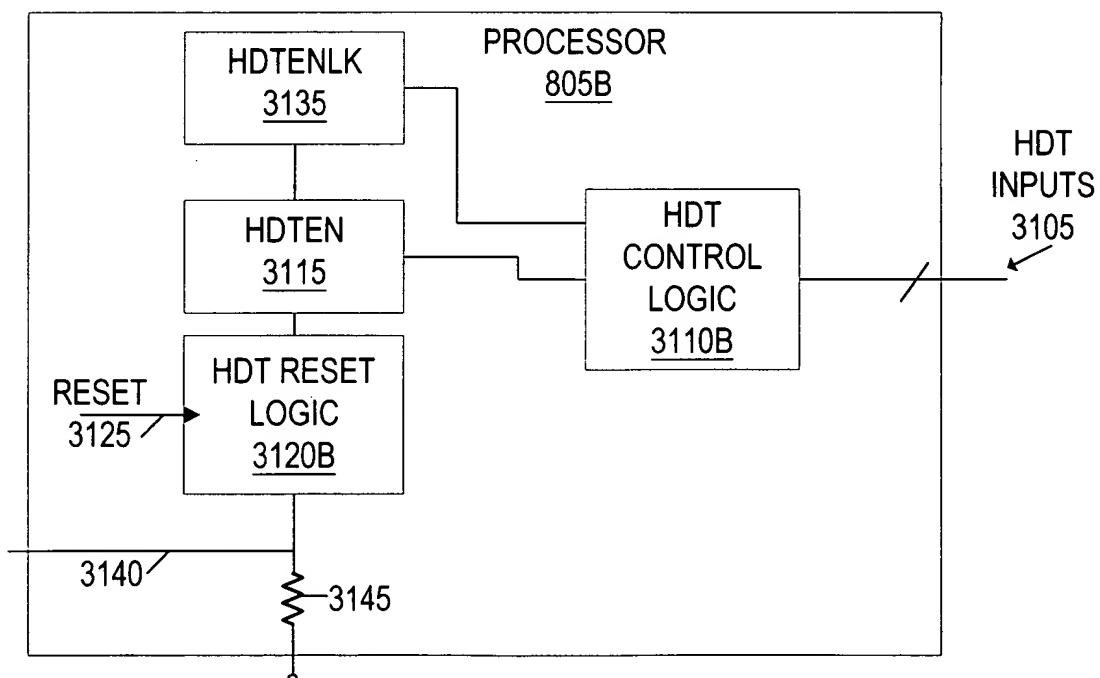
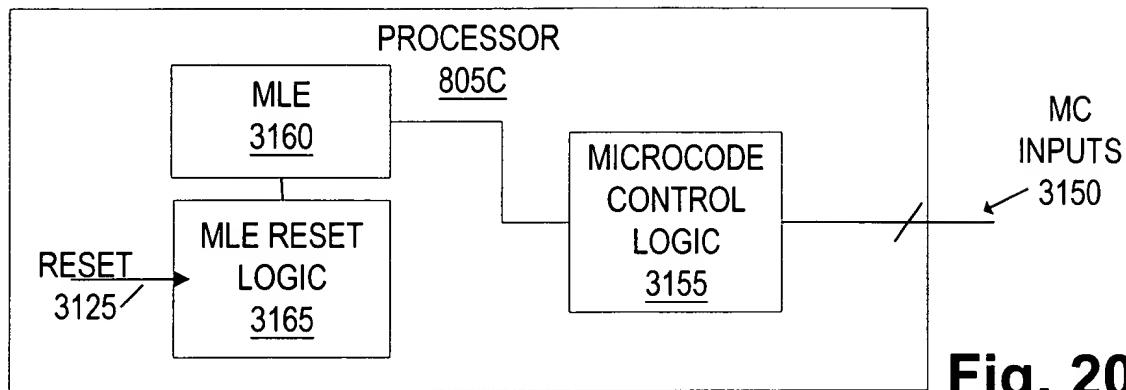
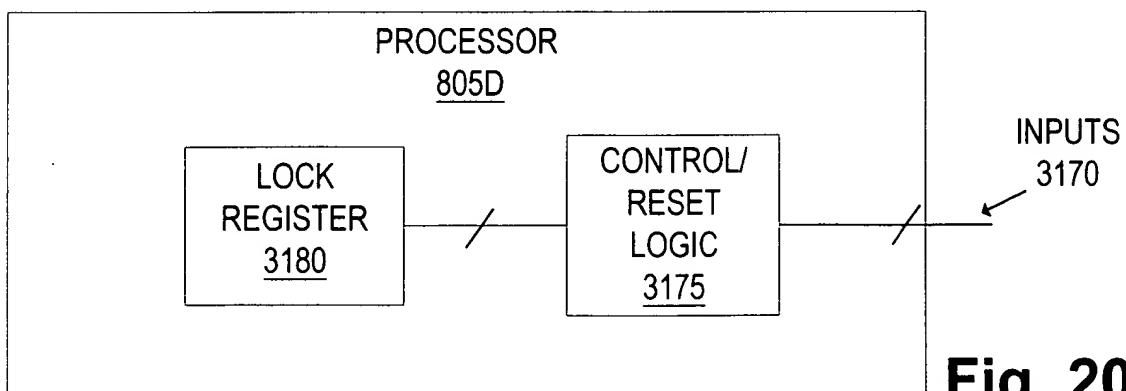


Fig. 20B

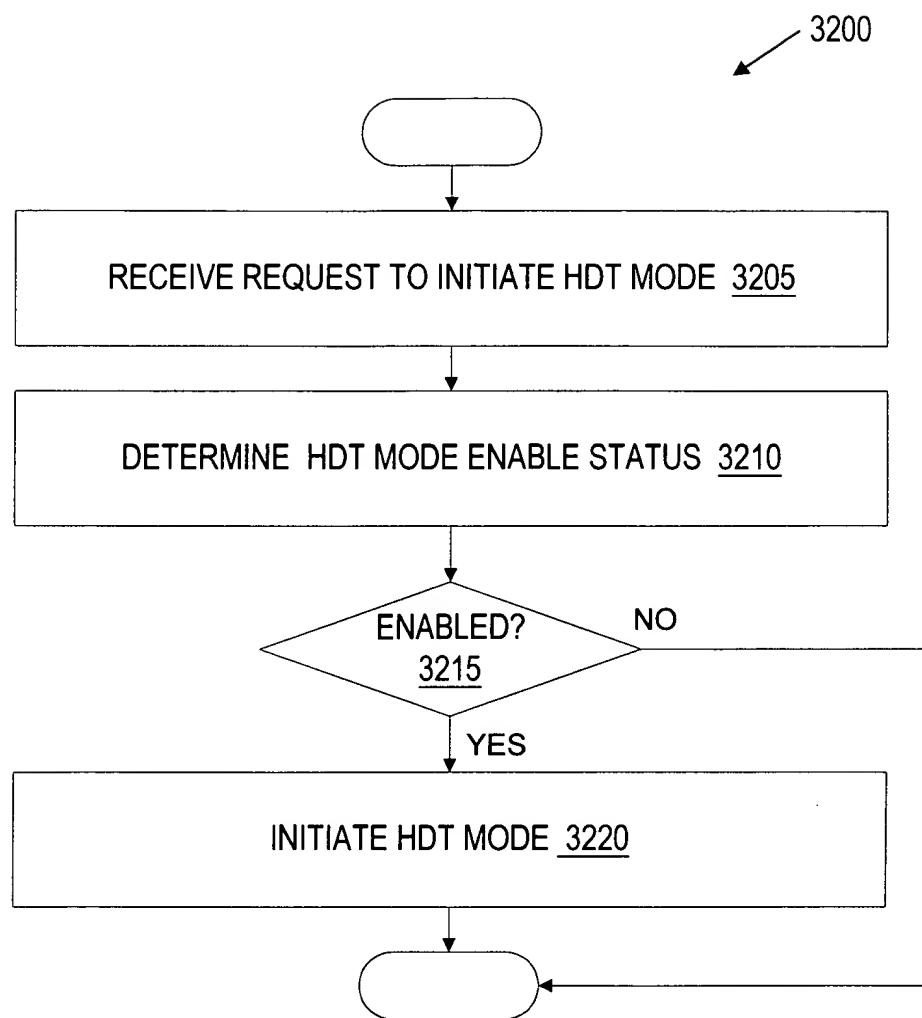


**Fig. 20C**



**Fig. 20D**

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**Fig. 21**

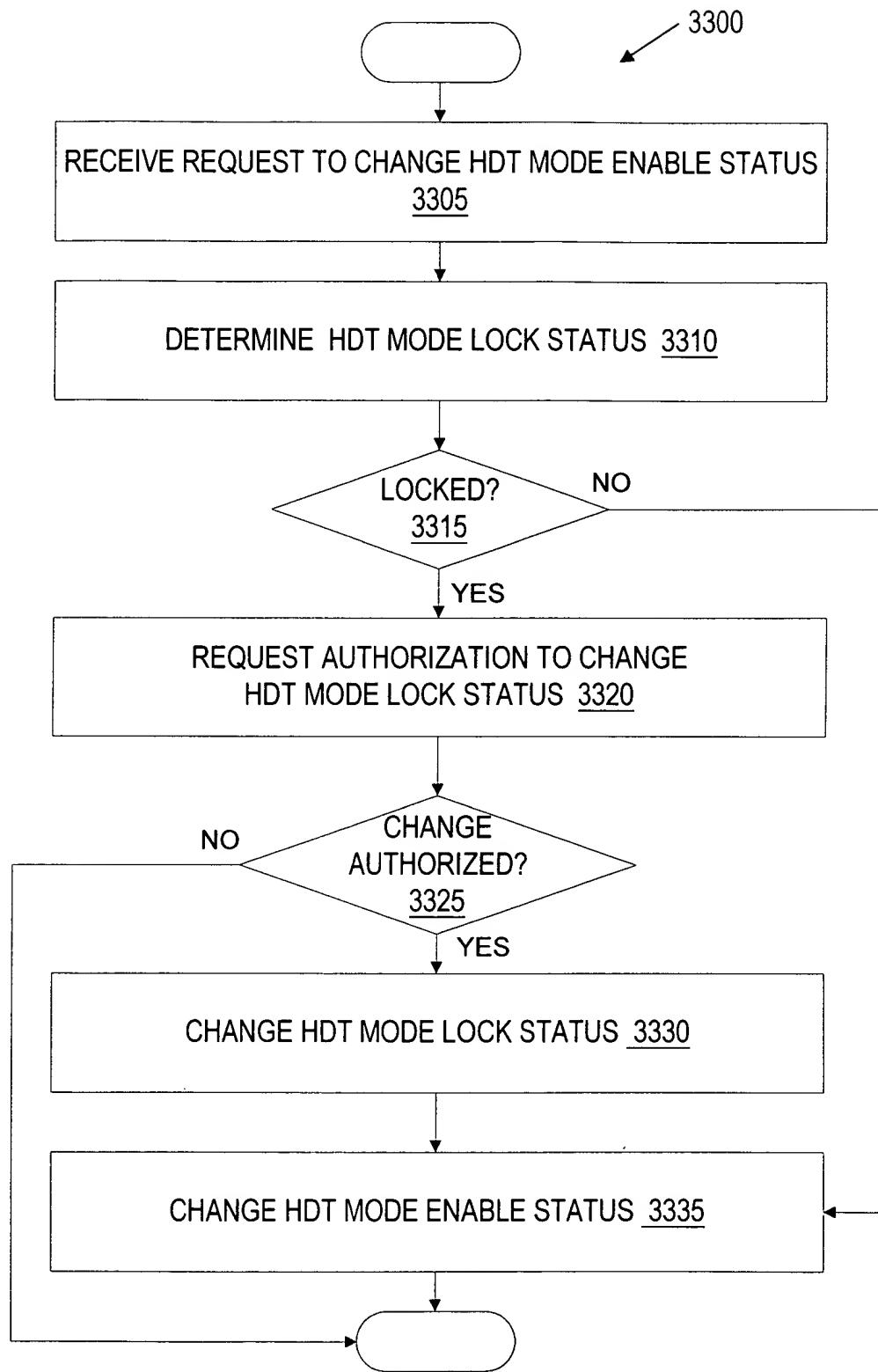
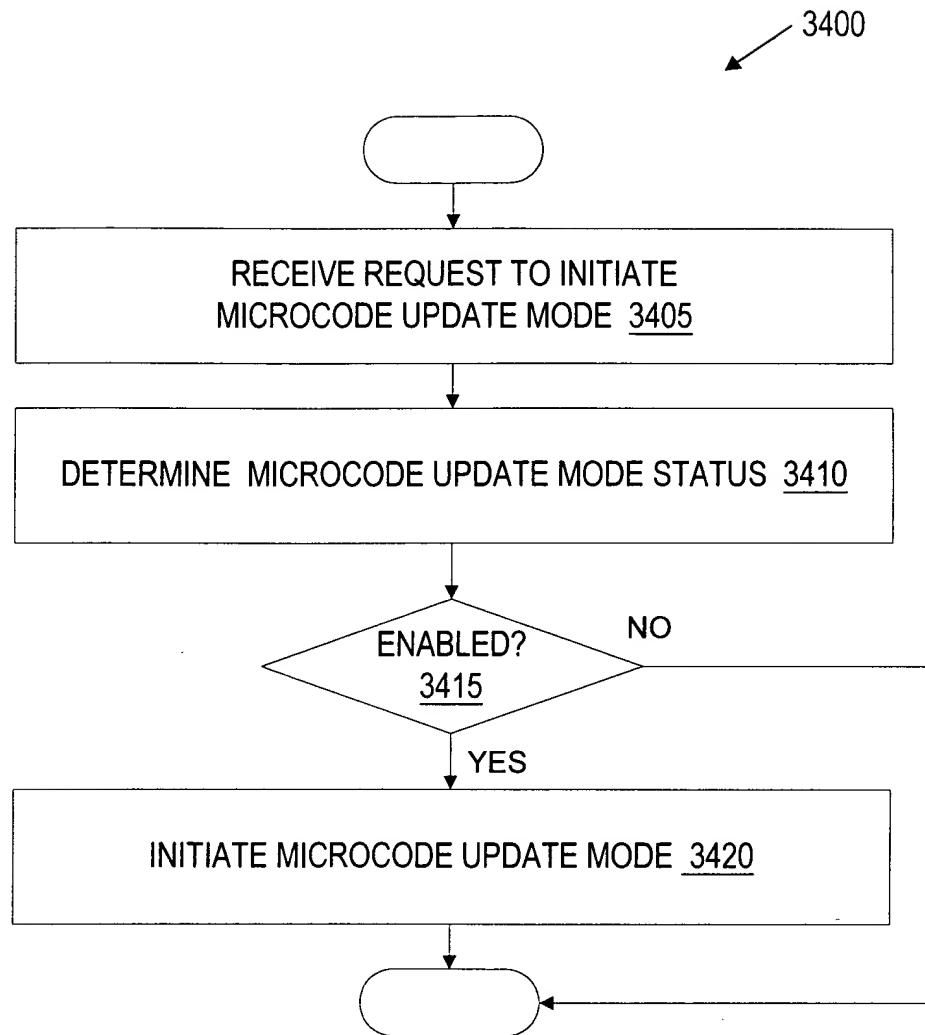


Fig. 22

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**Fig. 23**

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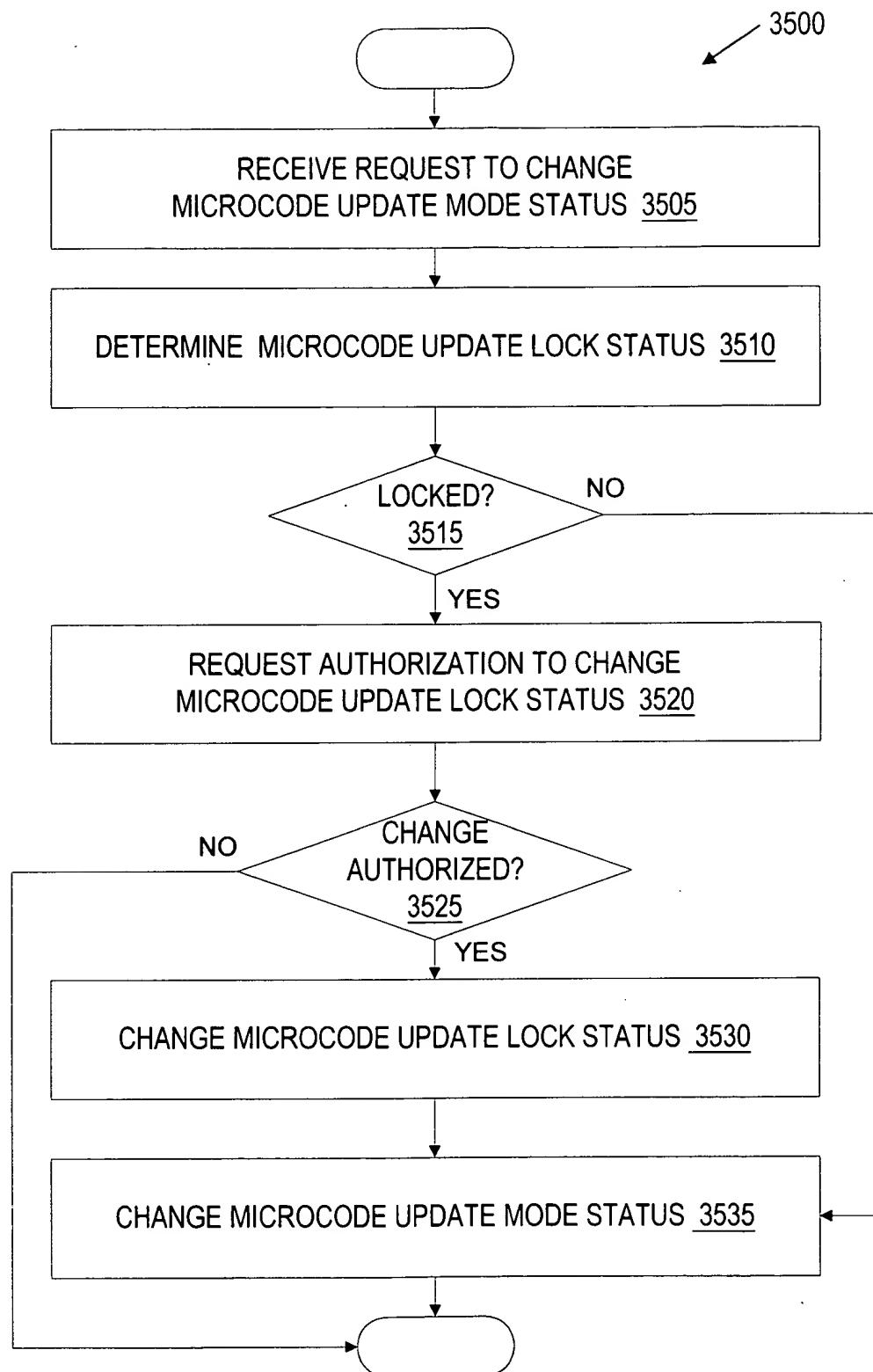
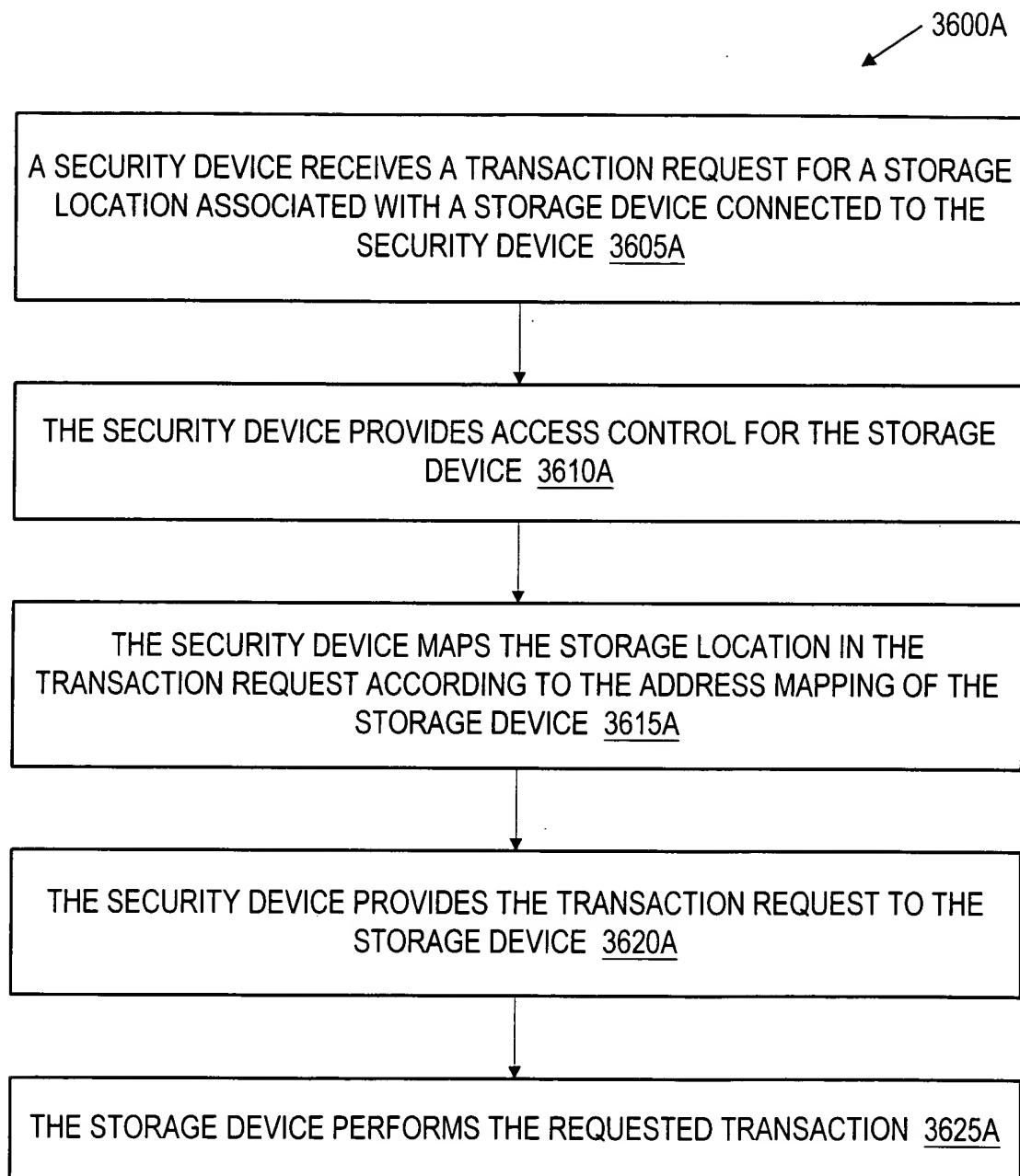
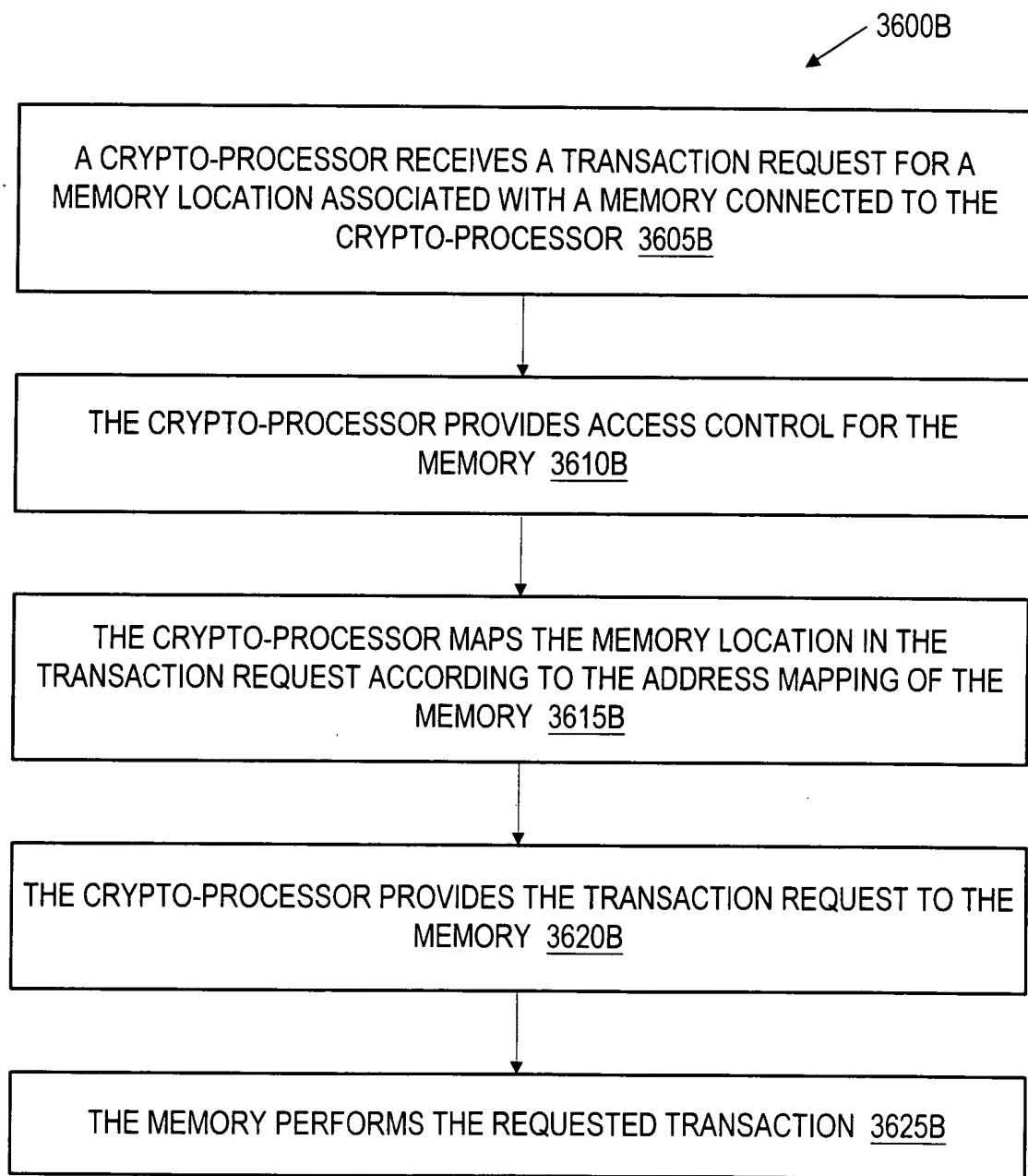


Fig. 24



**Fig. 25A**



**Fig. 25B**

3610A

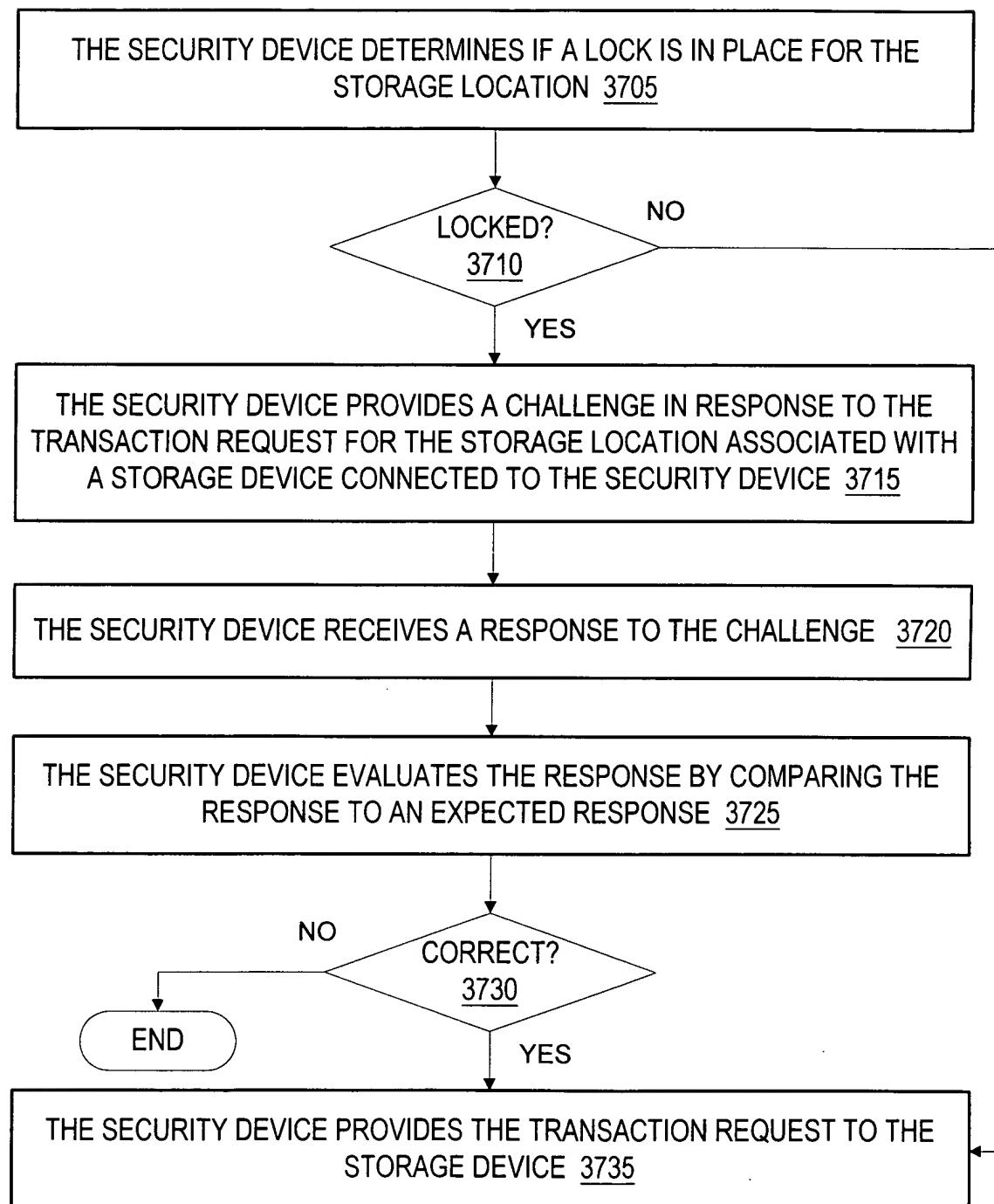


Fig. 26

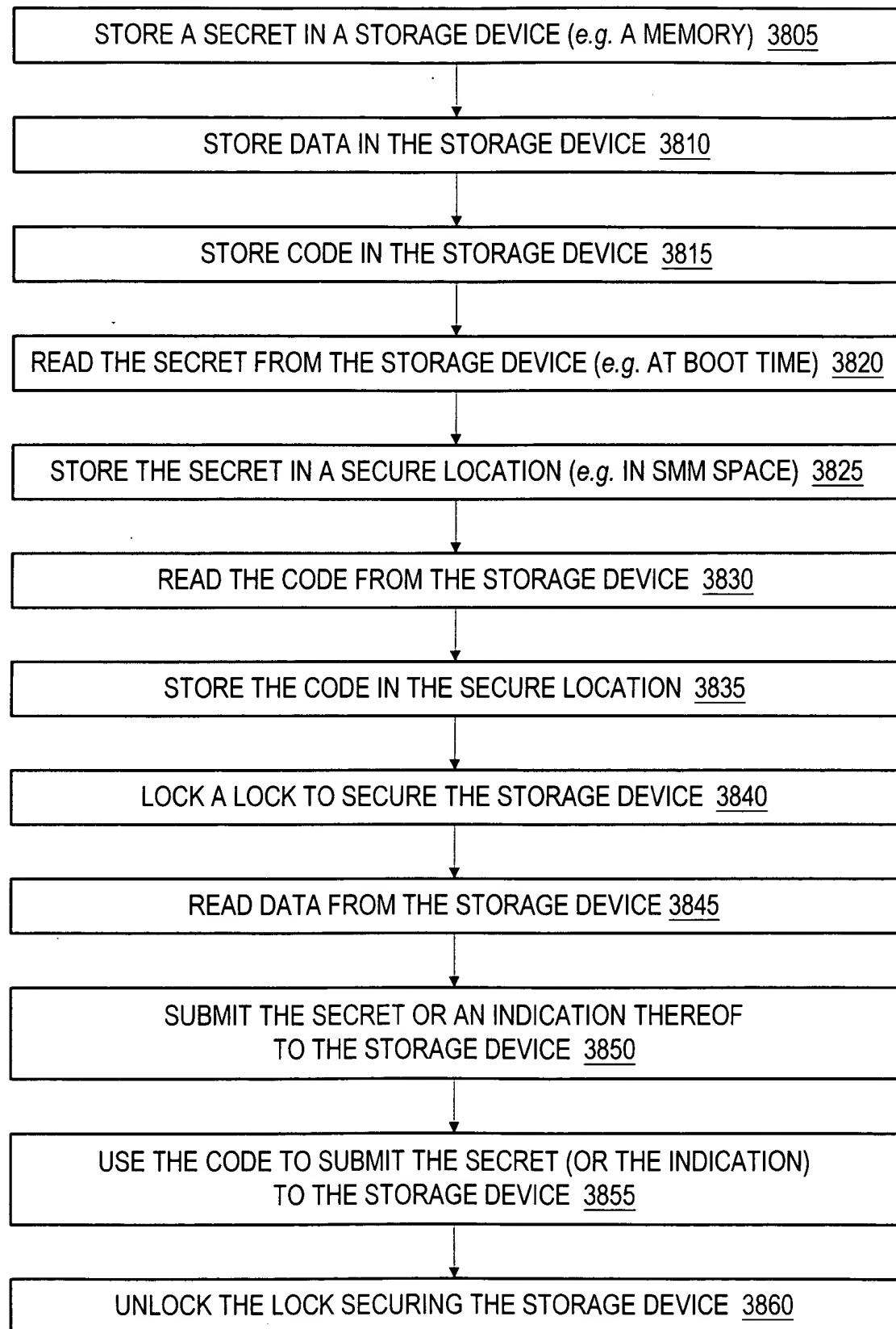
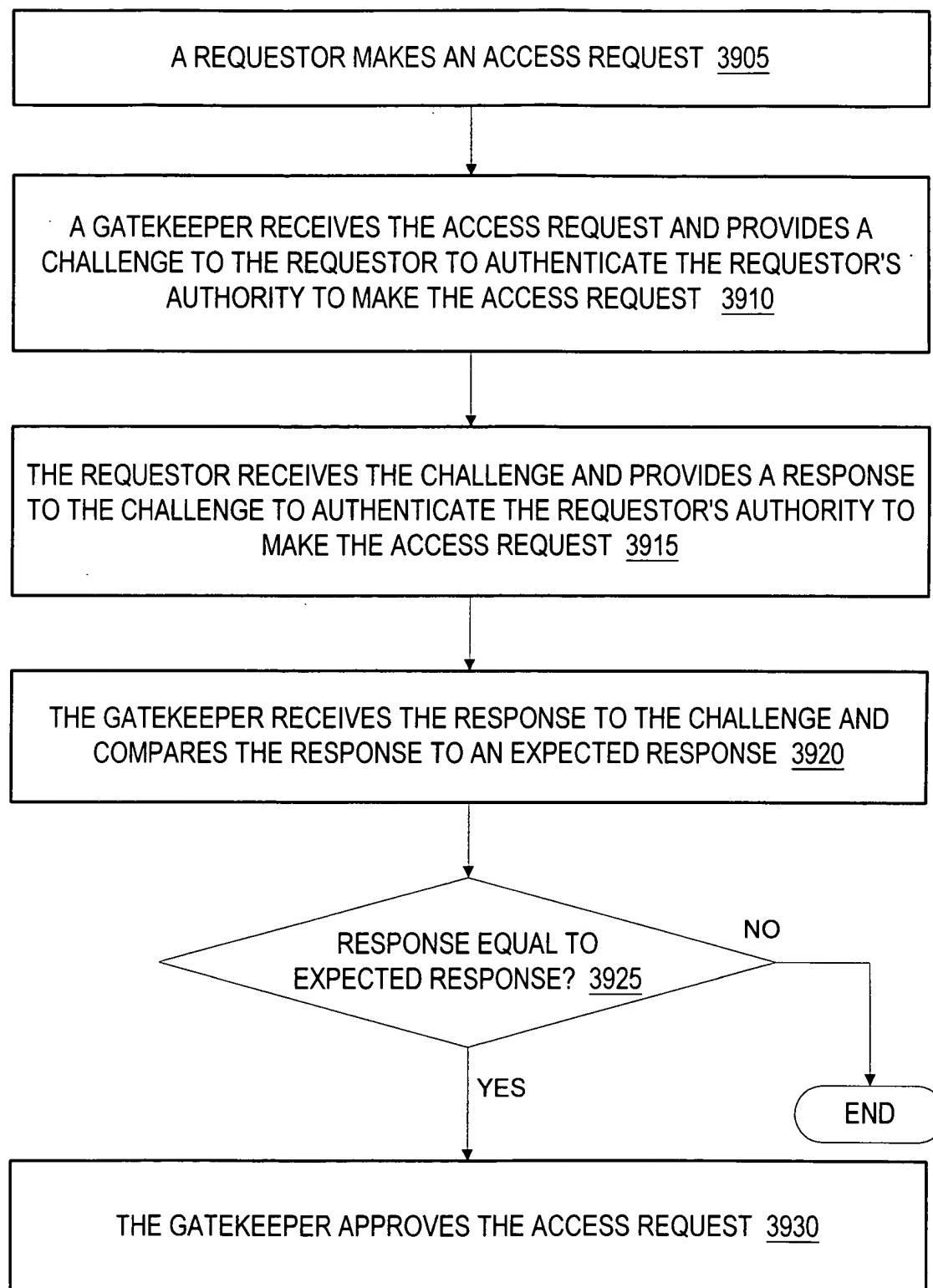


Fig. 27



**Fig. 28**  
**(Prior Art)**

4000A

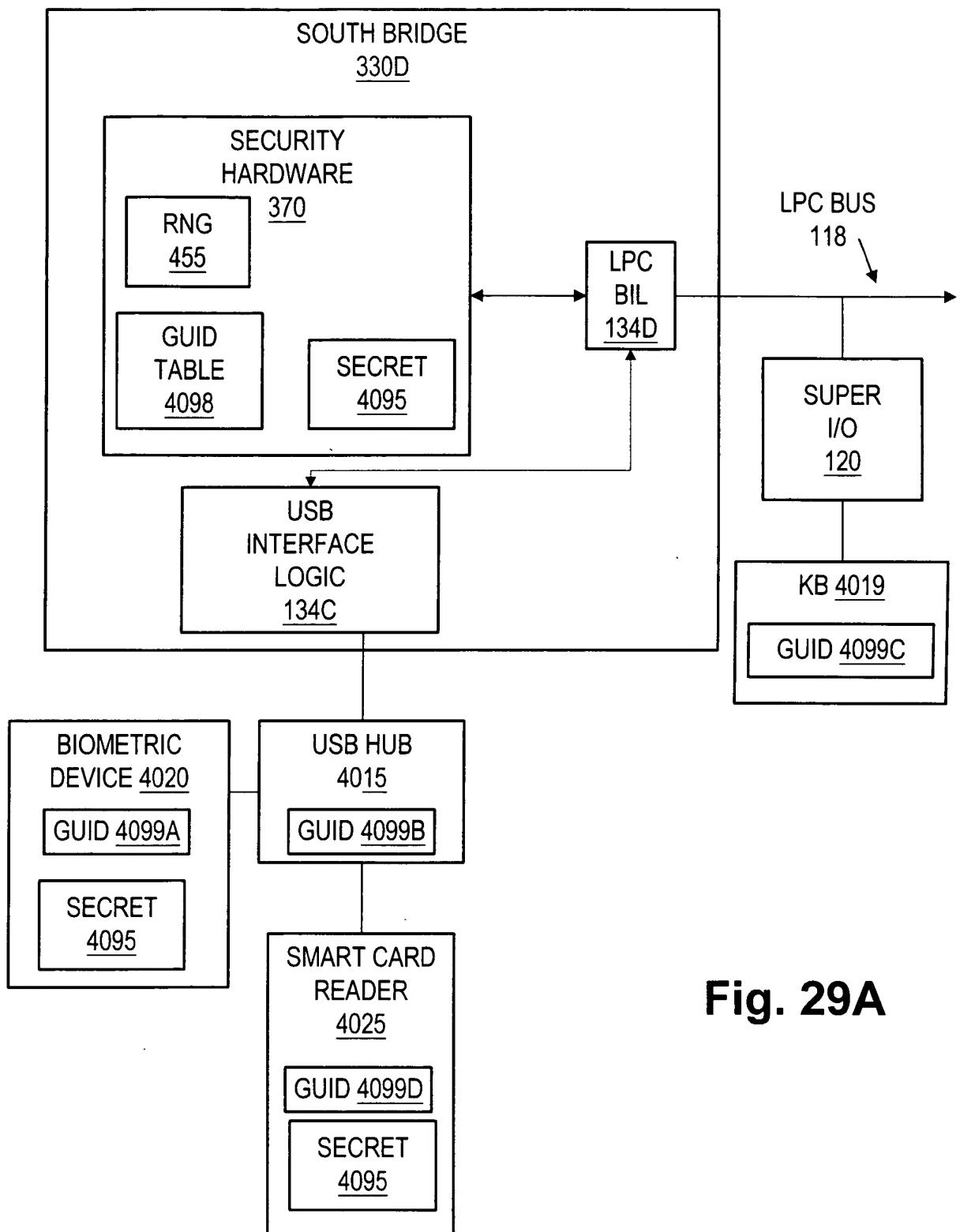


Fig. 29A

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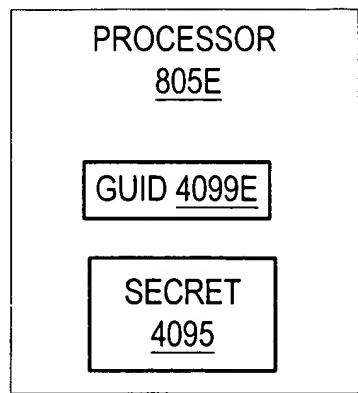


Fig. 29B

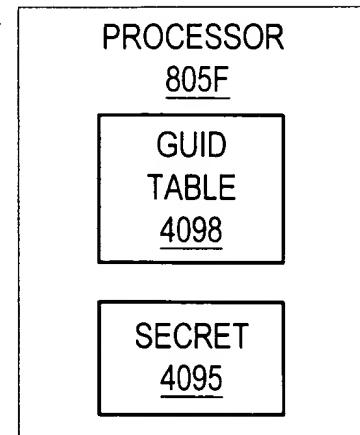


Fig. 29C

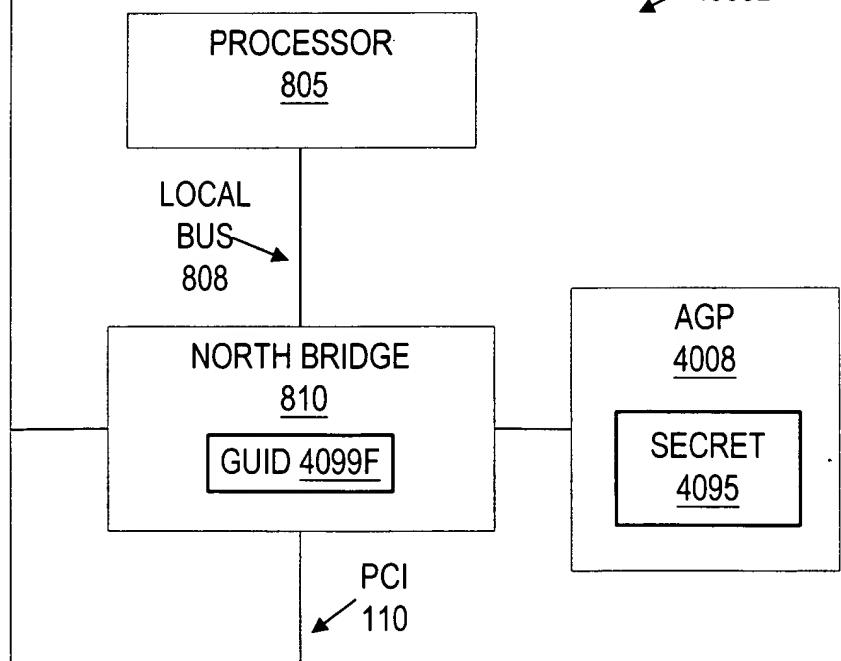
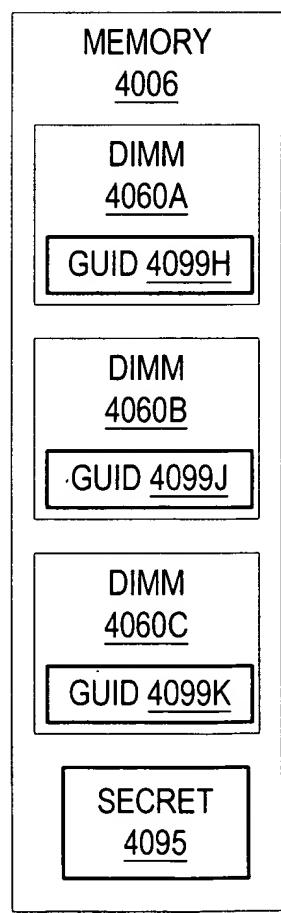


Fig. 29D

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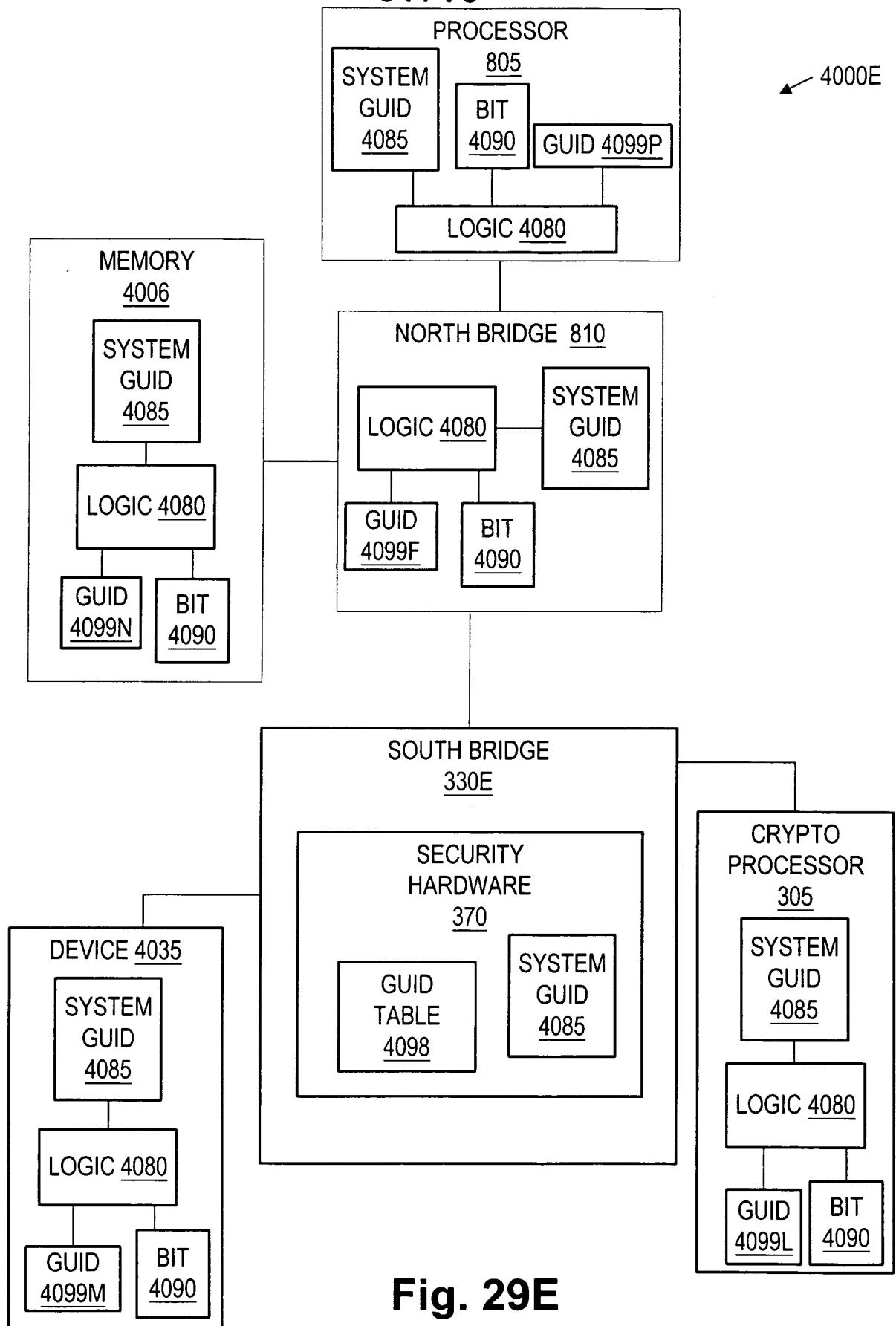


Fig. 29E

4100A

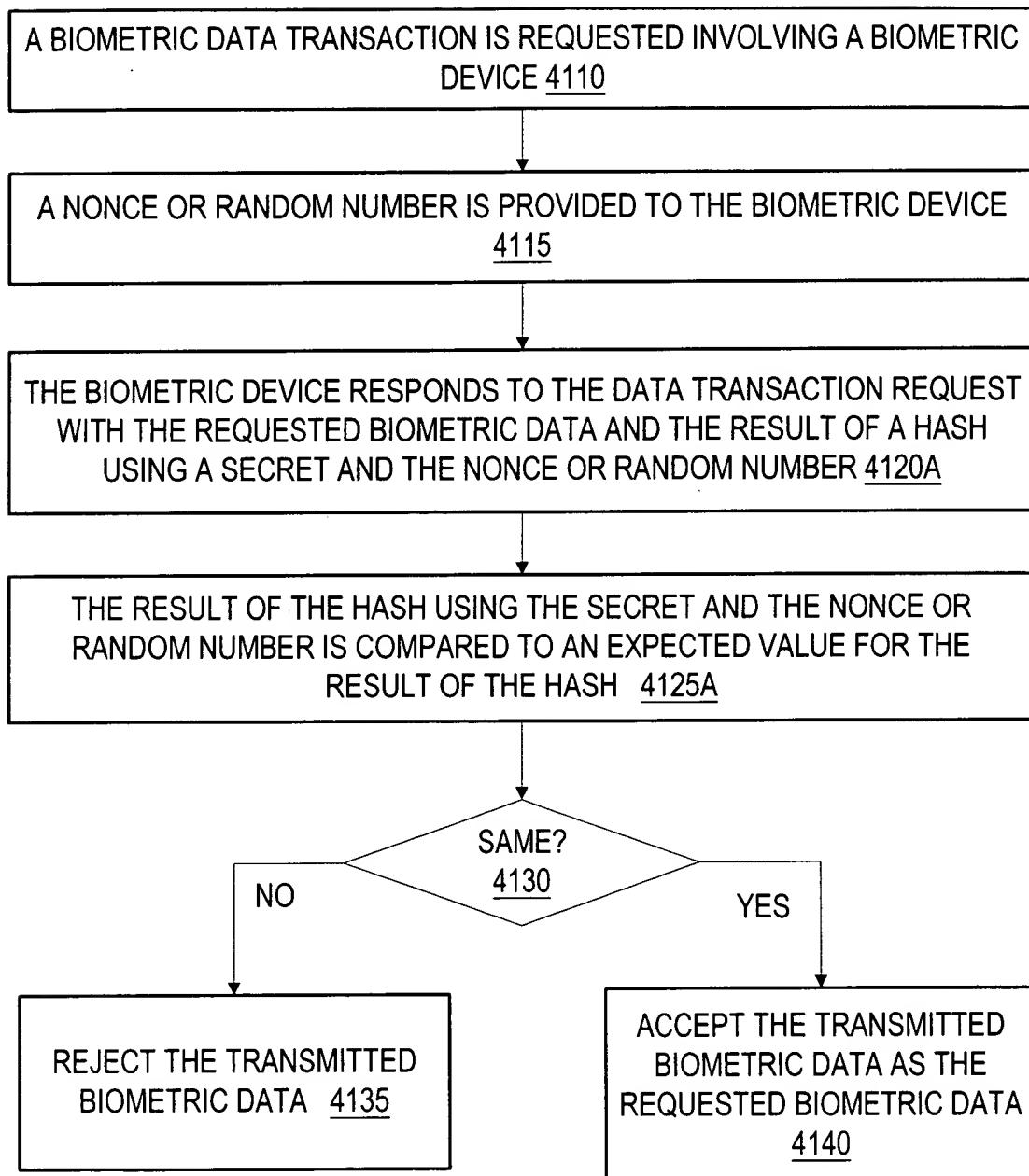


Fig. 30A

4100B

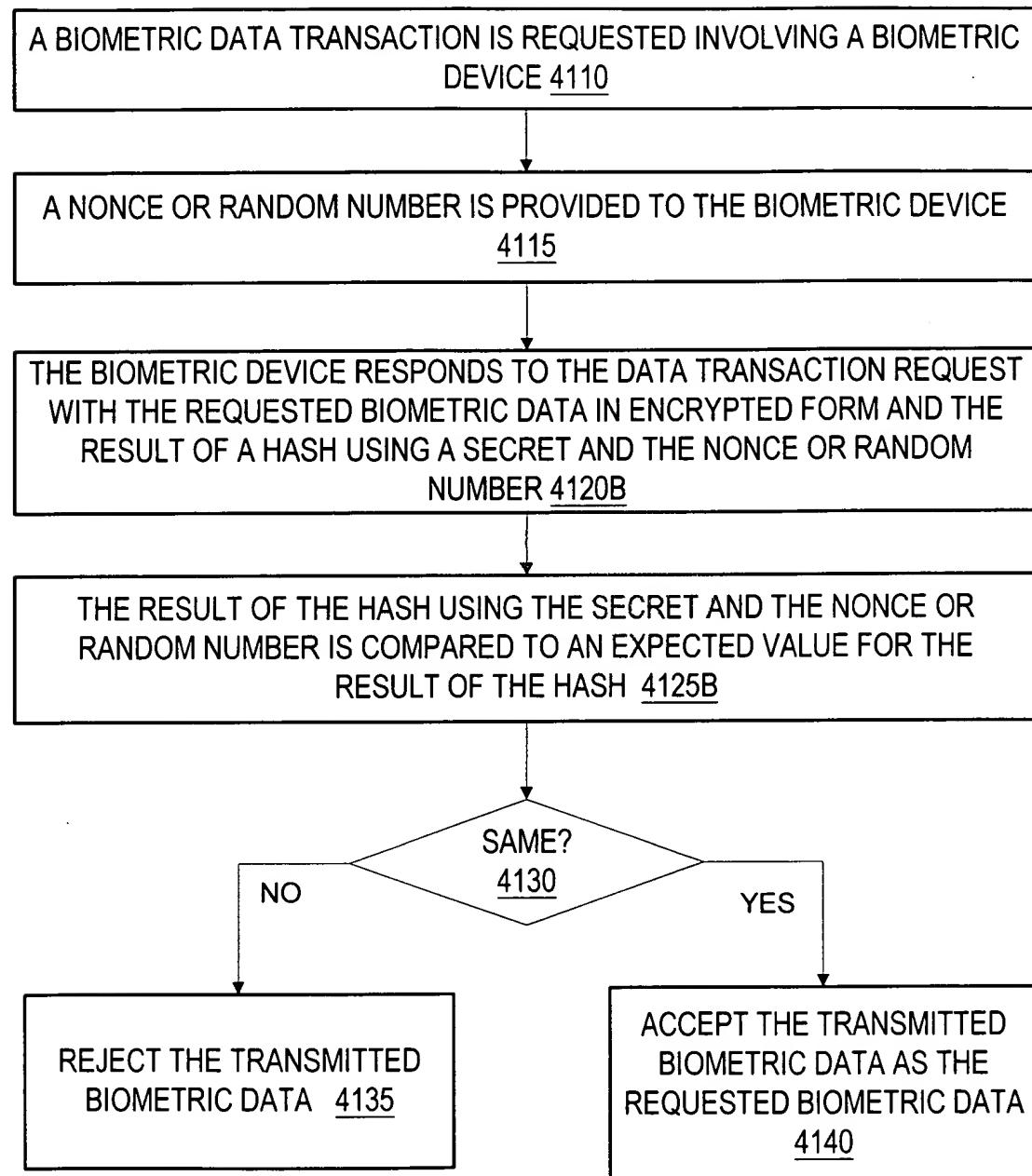


Fig. 30B

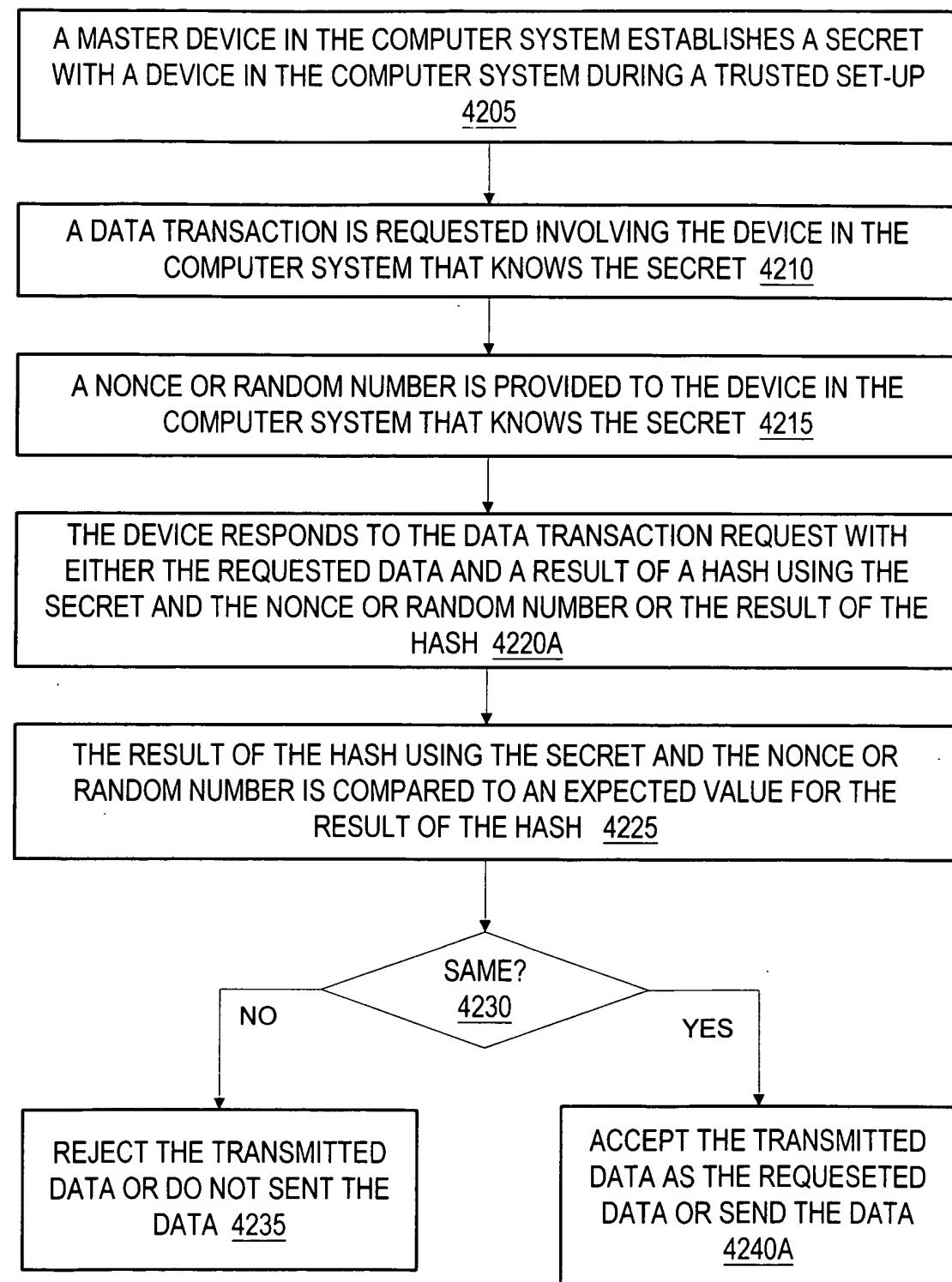


Fig. 31A

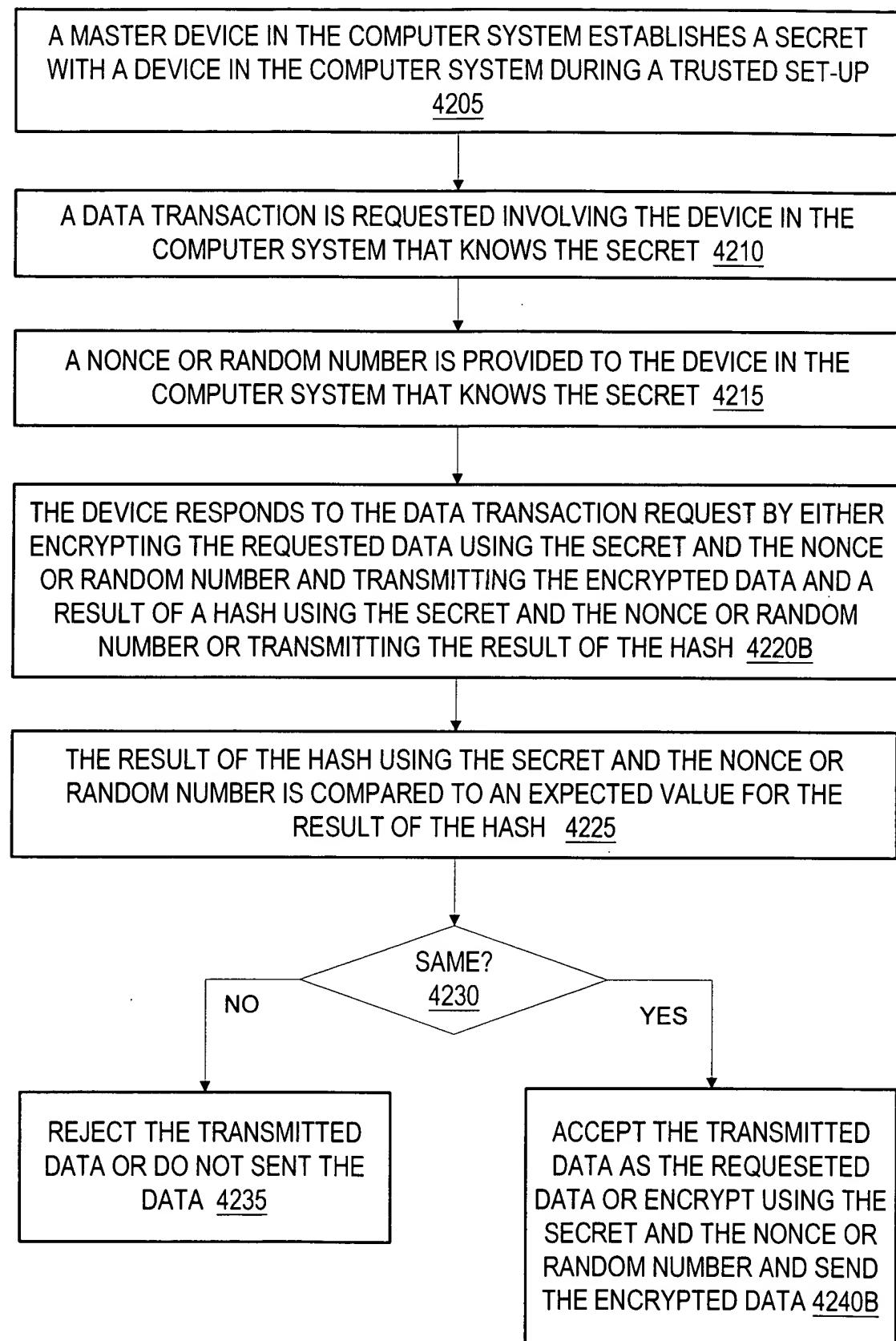


Fig. 31B

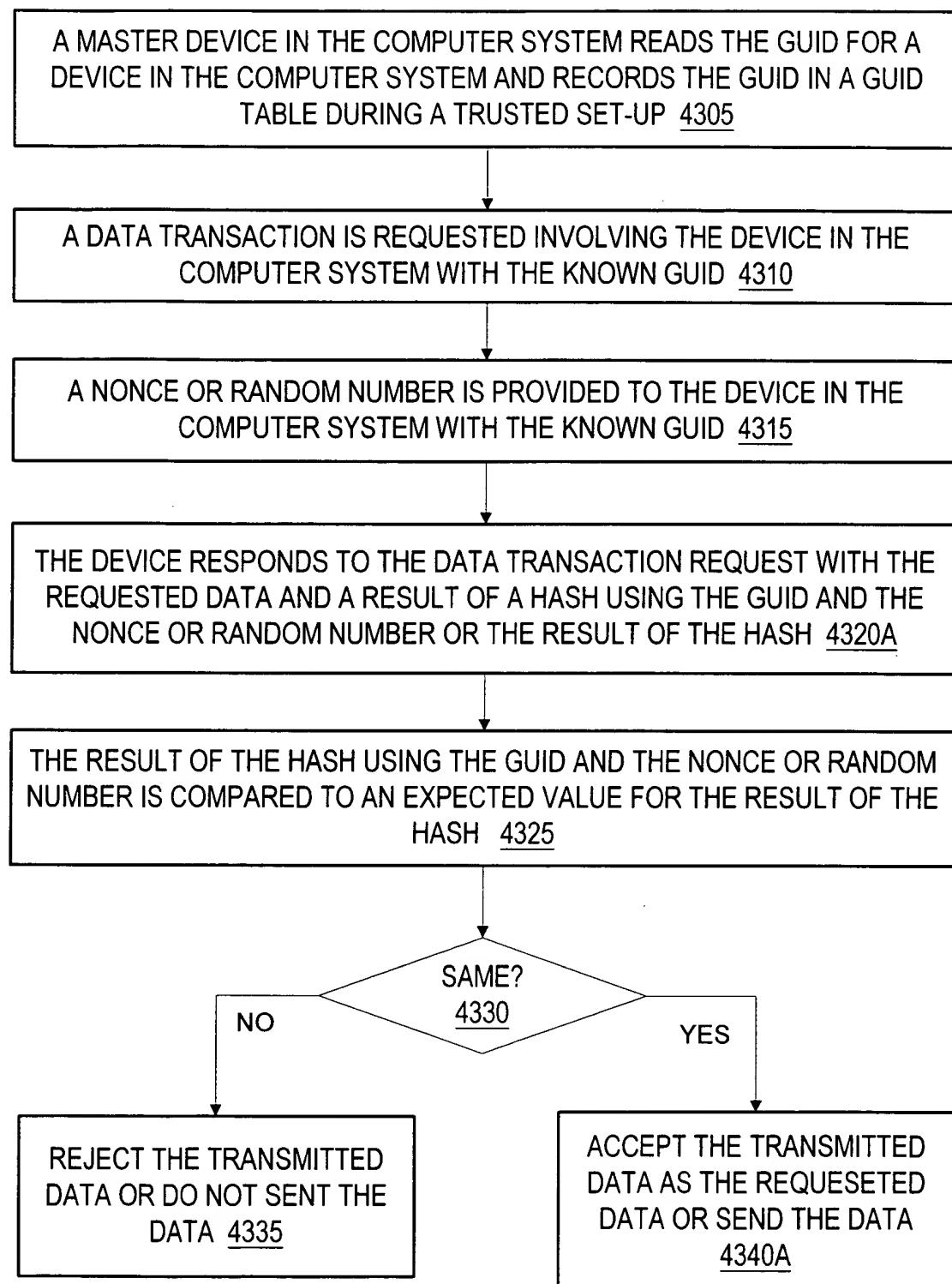


Fig. 32A

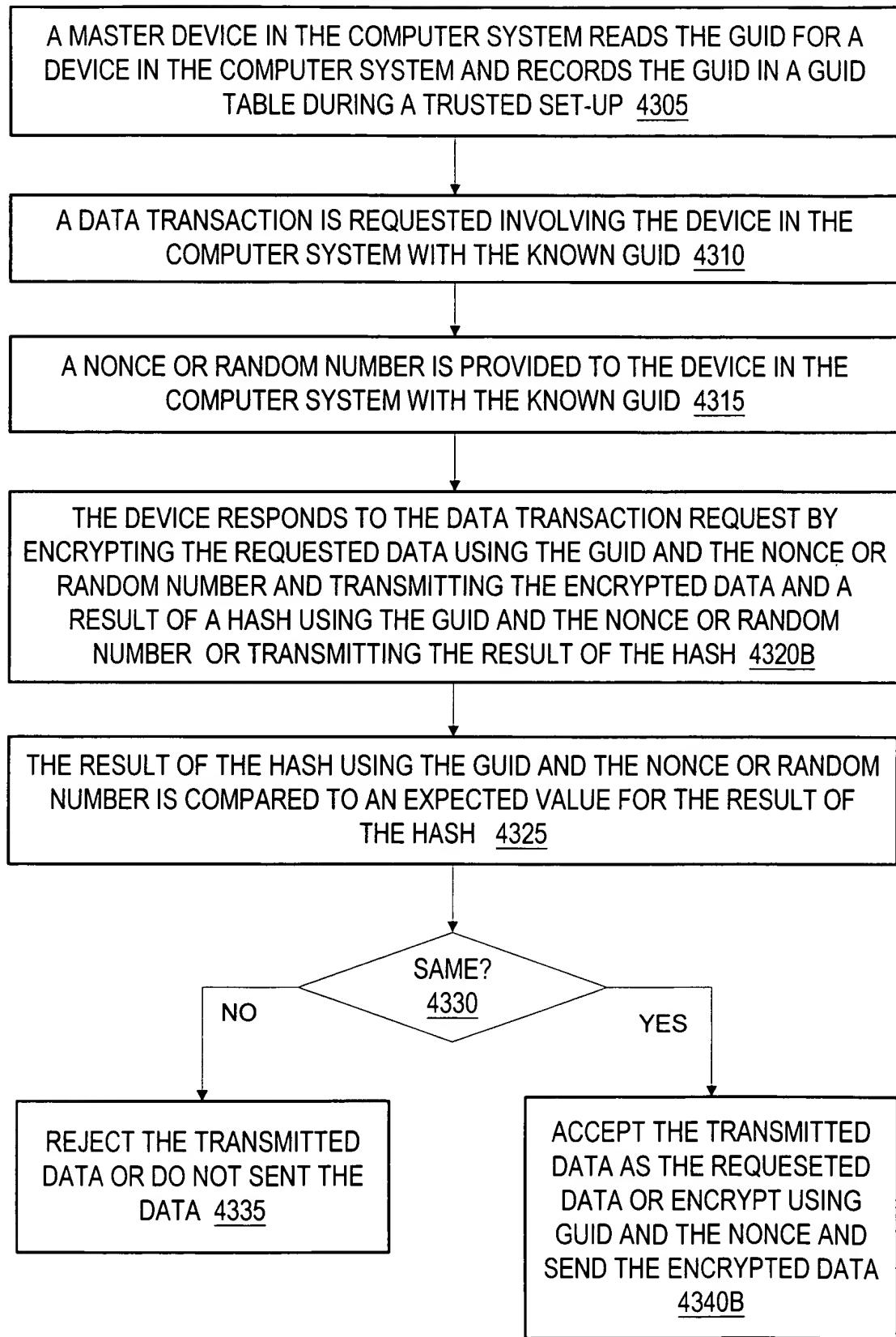


Fig. 32B

A MASTER DEVICE IN THE COMPUTER SYSTEM READS THE GUID FOR A DEVICE IN THE COMPUTER SYSTEM, RECORDS THE GUID IN A GUID TABLE, AND TRANSMITS A SECRET TO THE DEVICE DURING A TRUSTED SET-UP

4306

A DATA TRANSACTION IS REQUESTED INVOLVING THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4311

A NONCE OR RANDOM NUMBER IS PROVIDED TO THE DEVICE IN THE COMPUTER SYSTEM WITH THE KNOWN GUID THAT KNOWS THE SECRET

4316

THE DEVICE RESPONDS TO THE DATA TRANSACTION REQUEST BY ENCRYPTING THE REQUESTED DATA USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER AND TRANSMITTING THE ENCRYPTED DATA AND A RESULT OF A HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER OR TRANSMITTING THE RESULT OF THE HASH

4320C

THE RESULT OF THE HASH USING THE SECRET, THE GUID, AND THE NONCE OR RANDOM NUMBER IS COMPARED TO AN EXPECTED VALUE FOR THE RESULT OF THE HASH

4326

SAME?

4330

NO

YES

REJECT THE TRANSMITTED DATA OR DO NOT SENT THE DATA

4335

ACCEPT THE TRANSMITTED DATA AS THE REQUESTED DATA OR ENCRYPT USING THE SECRET, THE GUID, AND THE NONCE AND SEND THE ENCRYPTED DATA

4340C

Fig. 32C

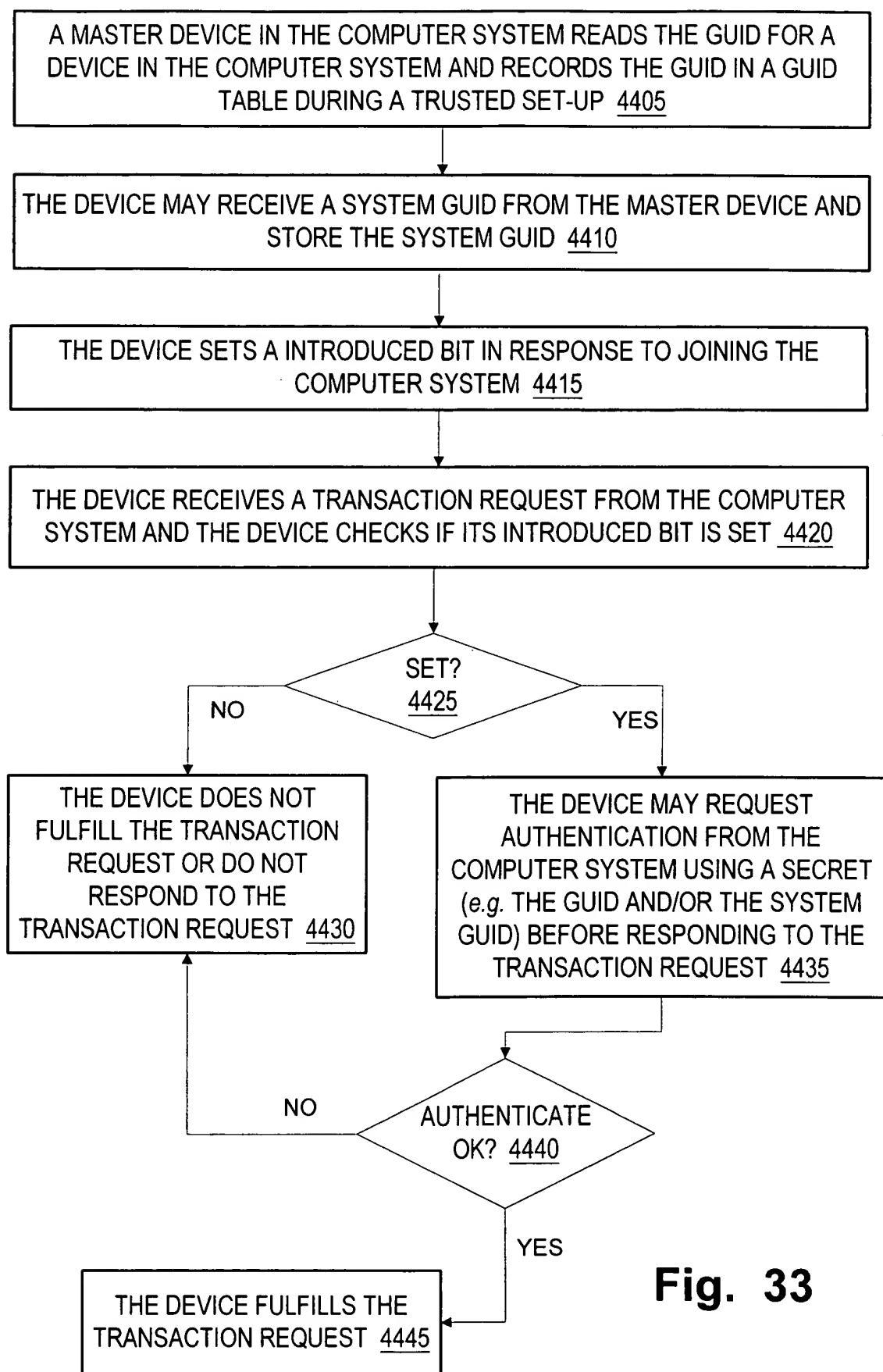


Fig. 33

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4500

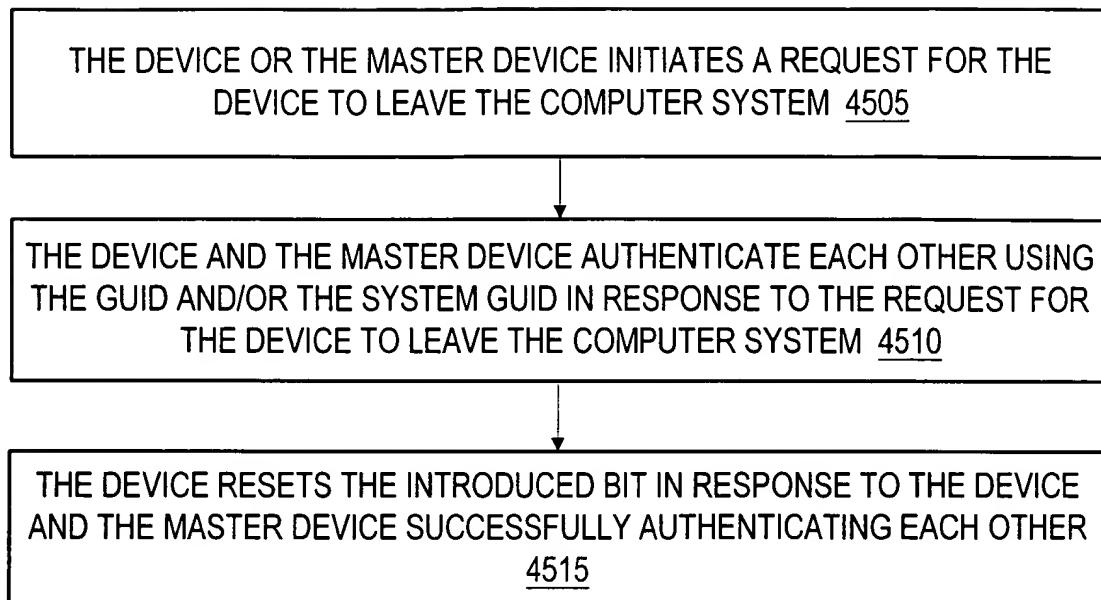


Fig. 34

4600

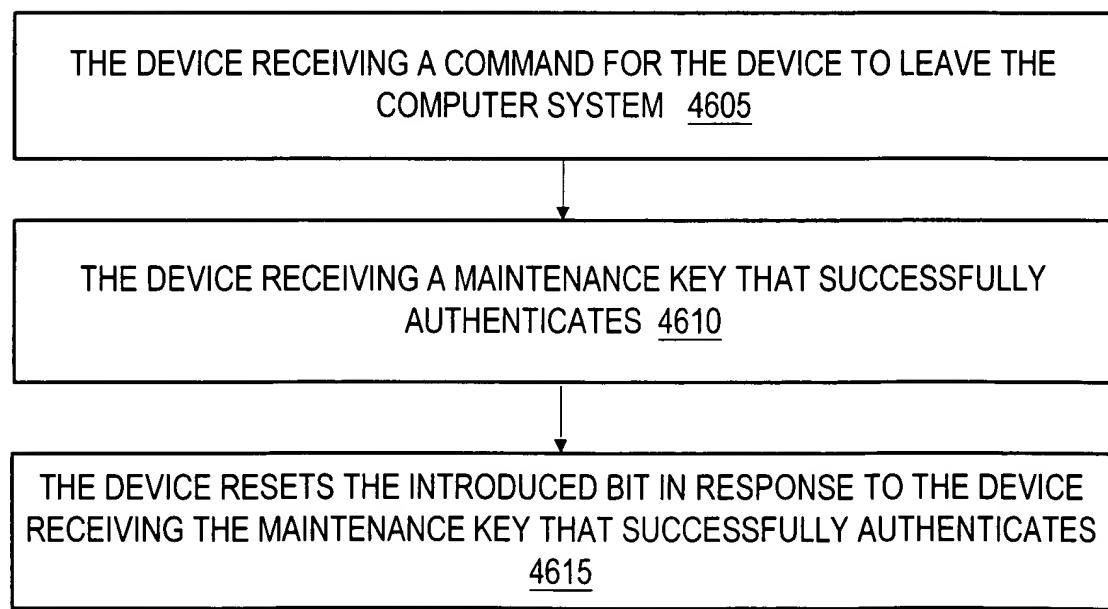


Fig. 35

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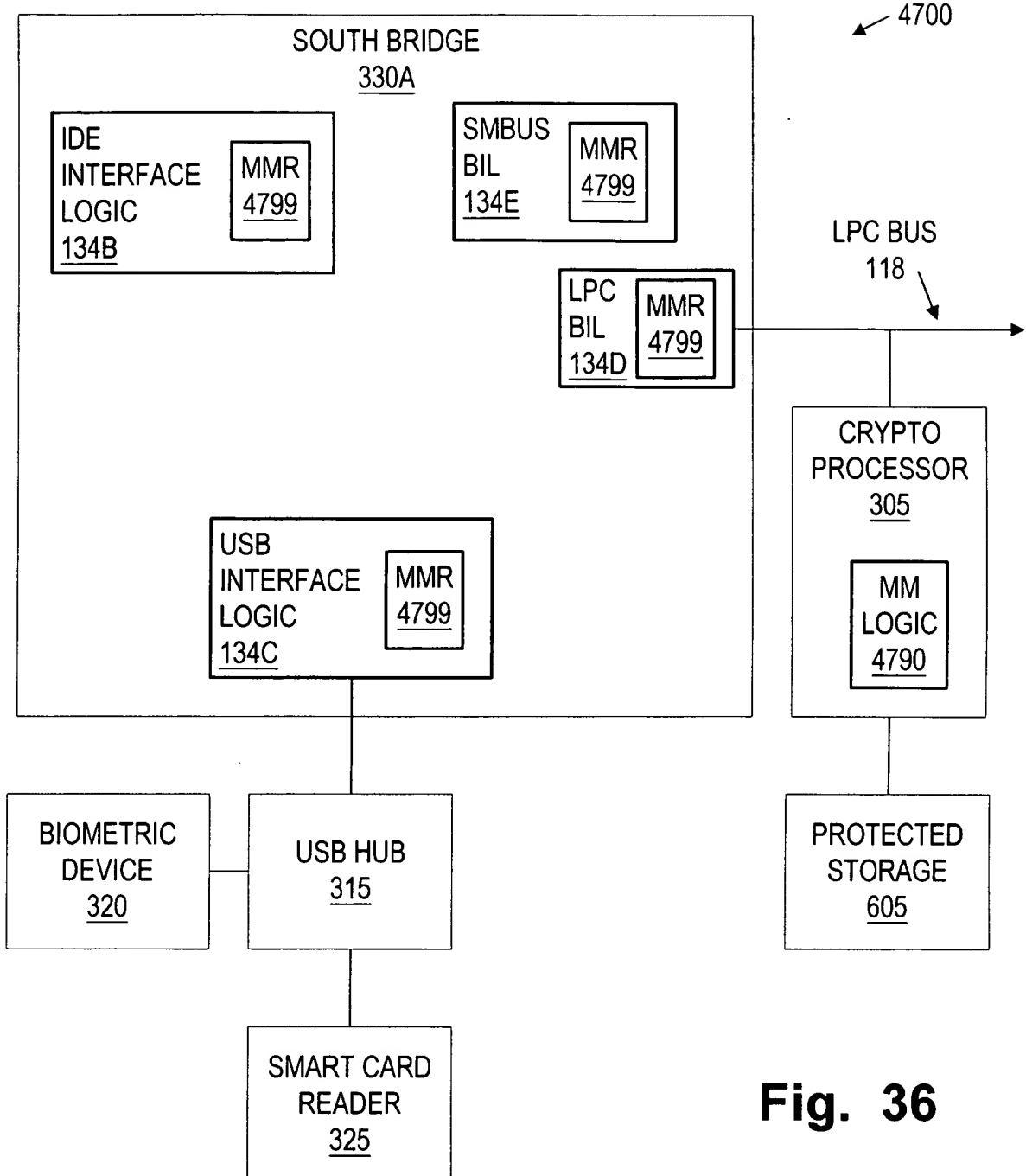


Fig. 36

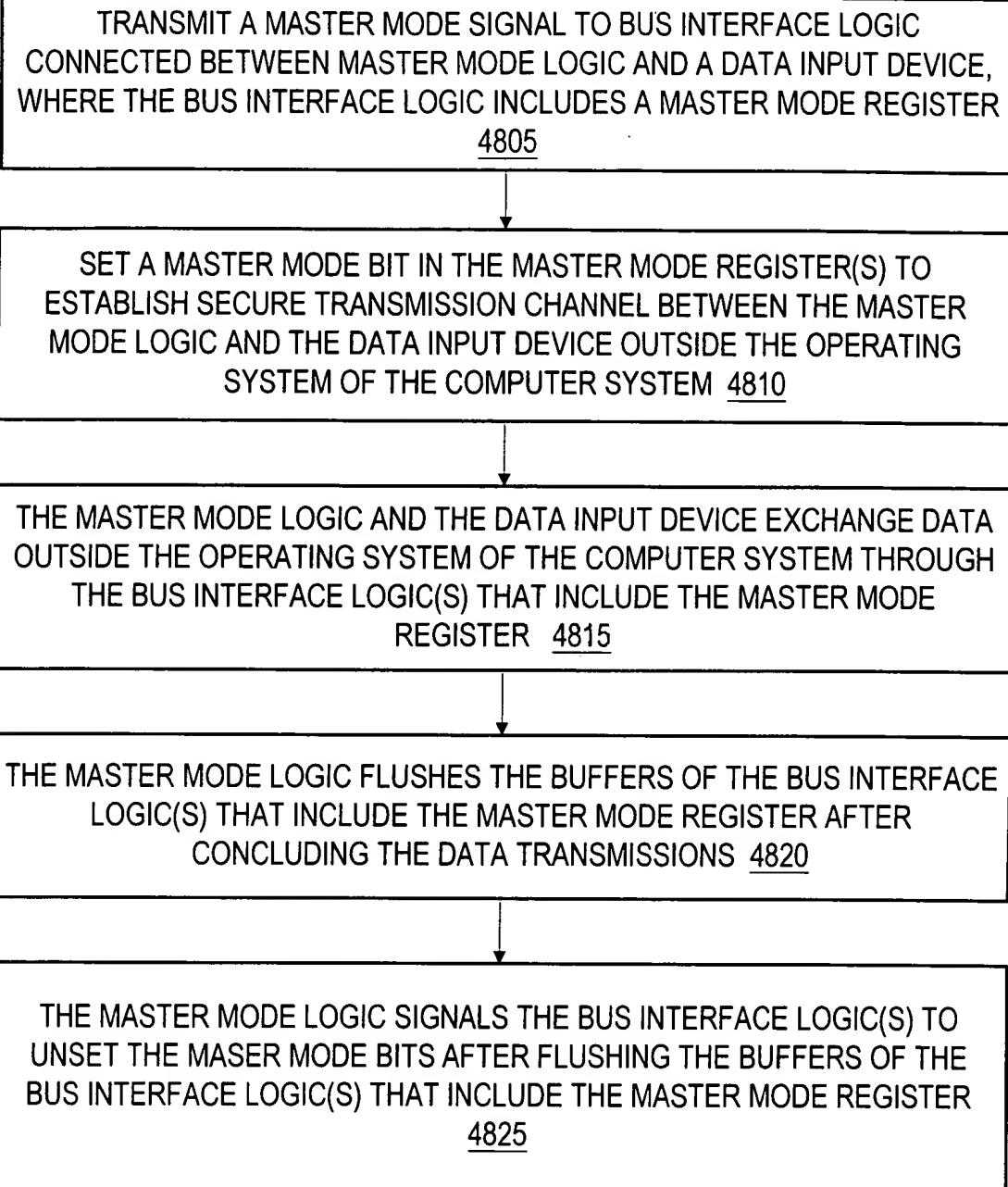


Fig. 37

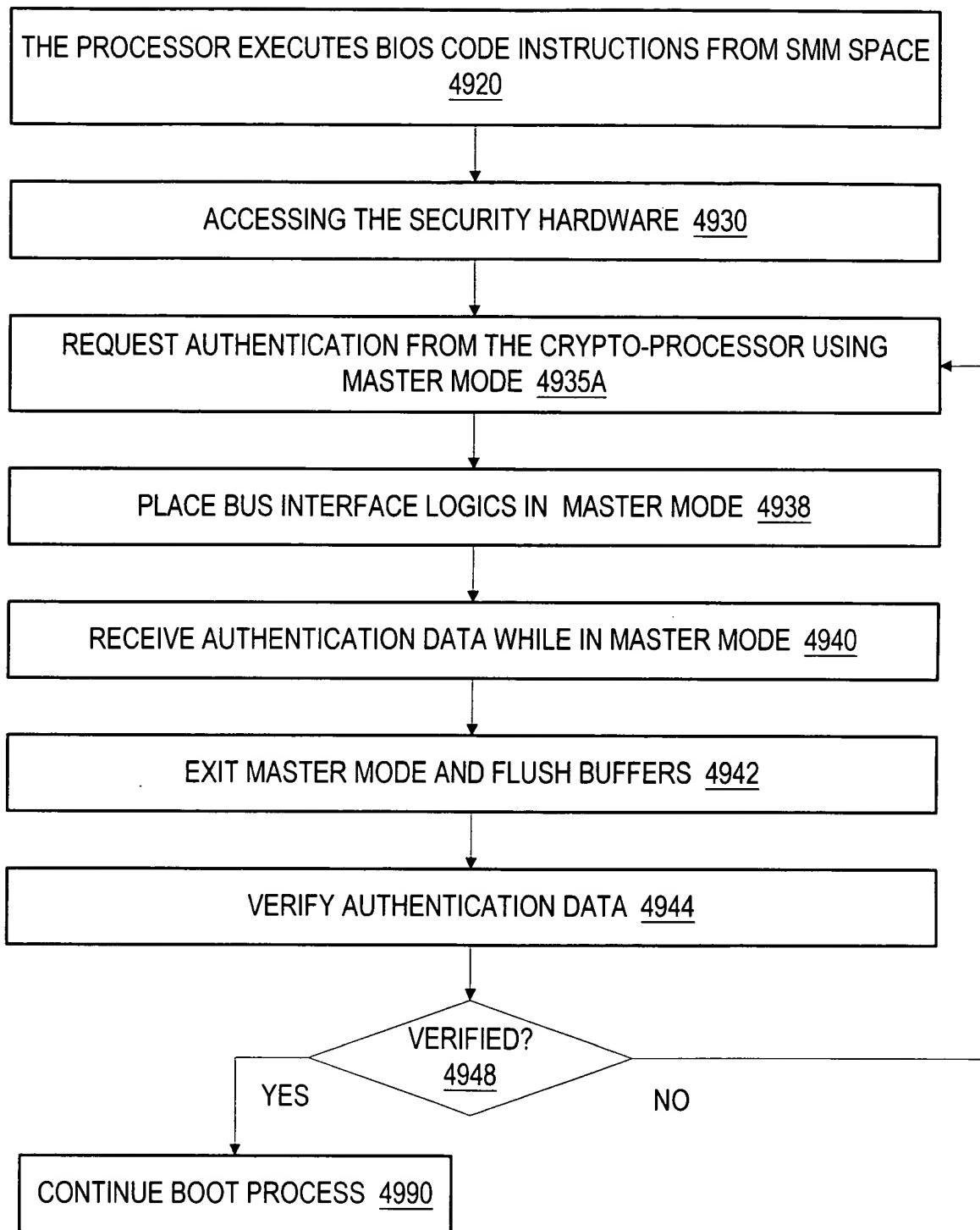


Fig. 38A

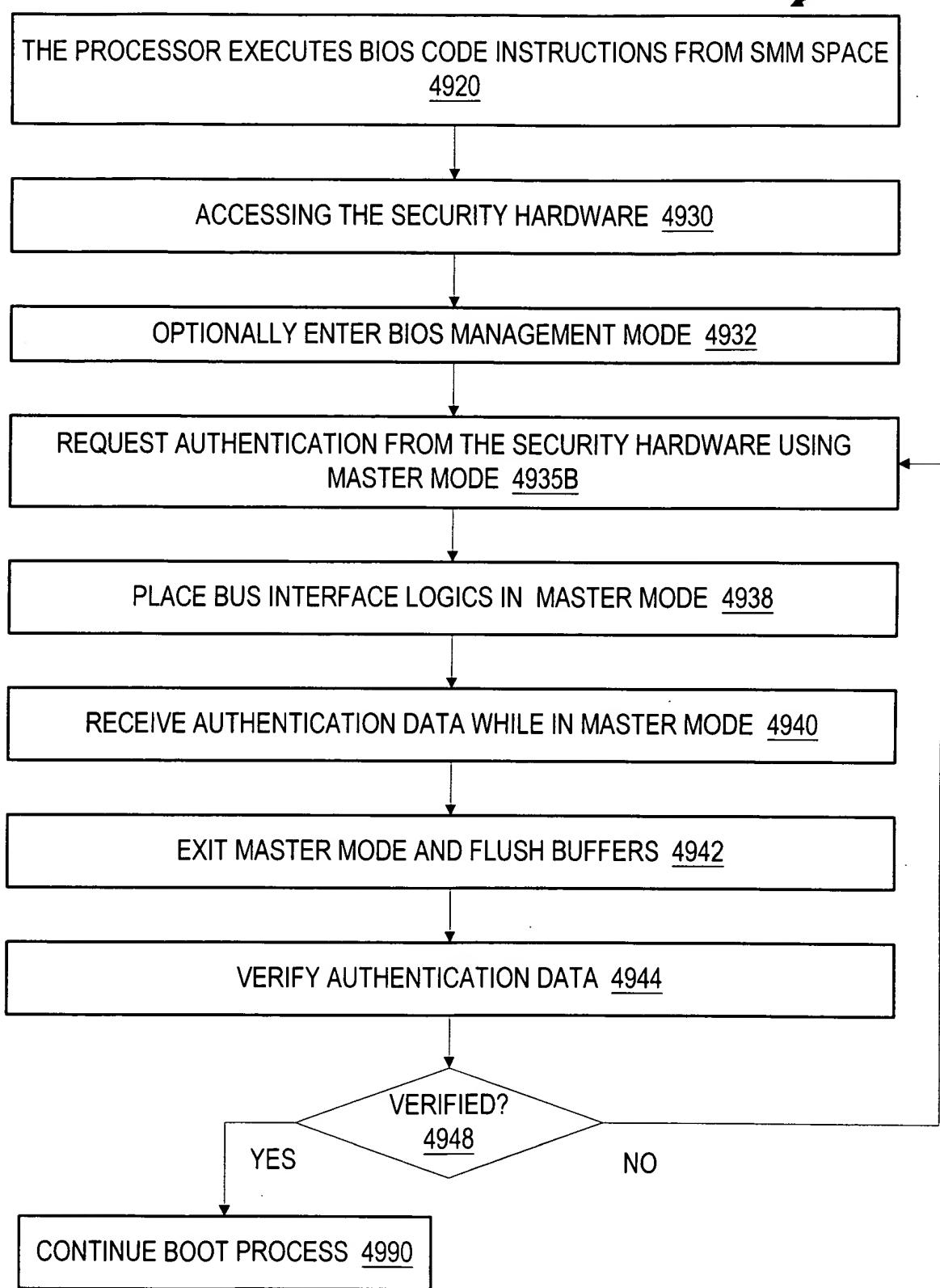
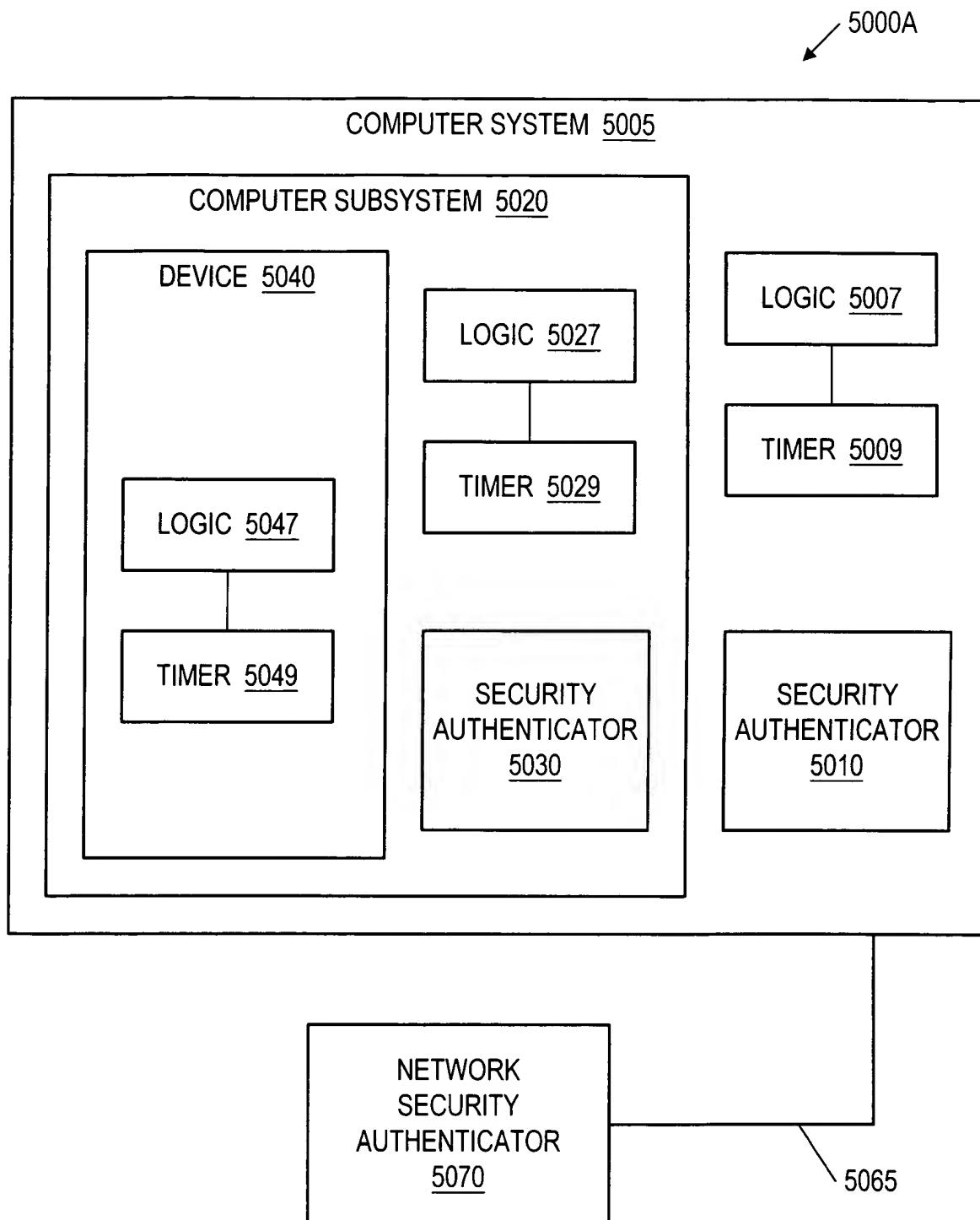


Fig. 38B



**Fig. 39A**

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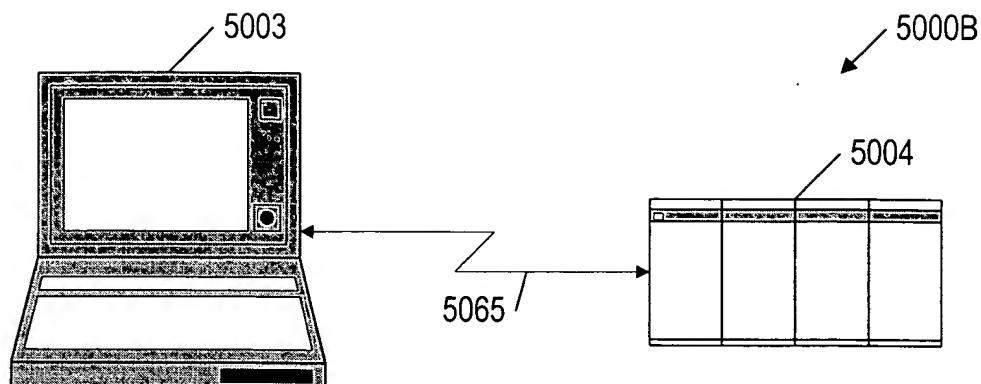
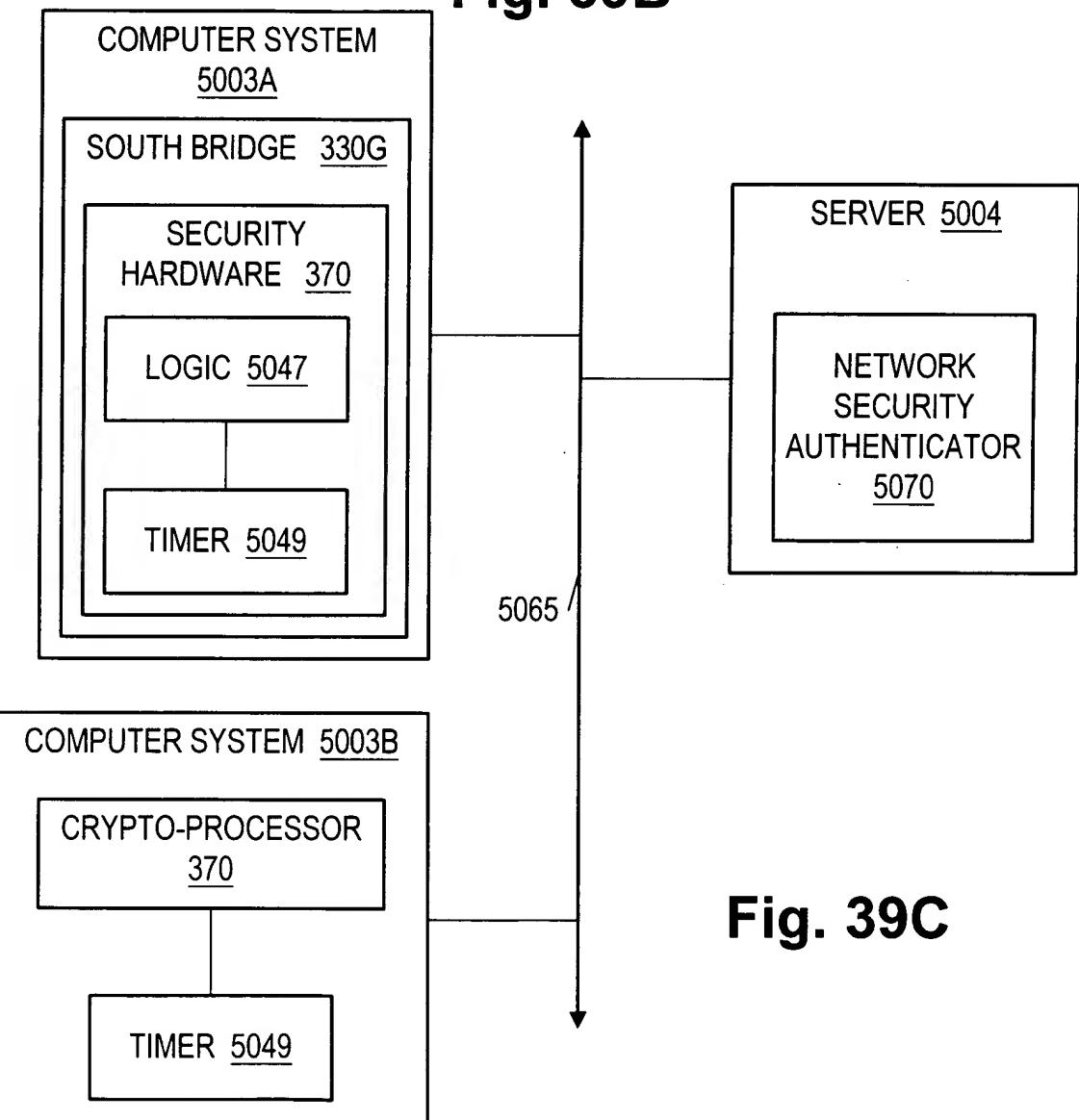


Fig. 39B



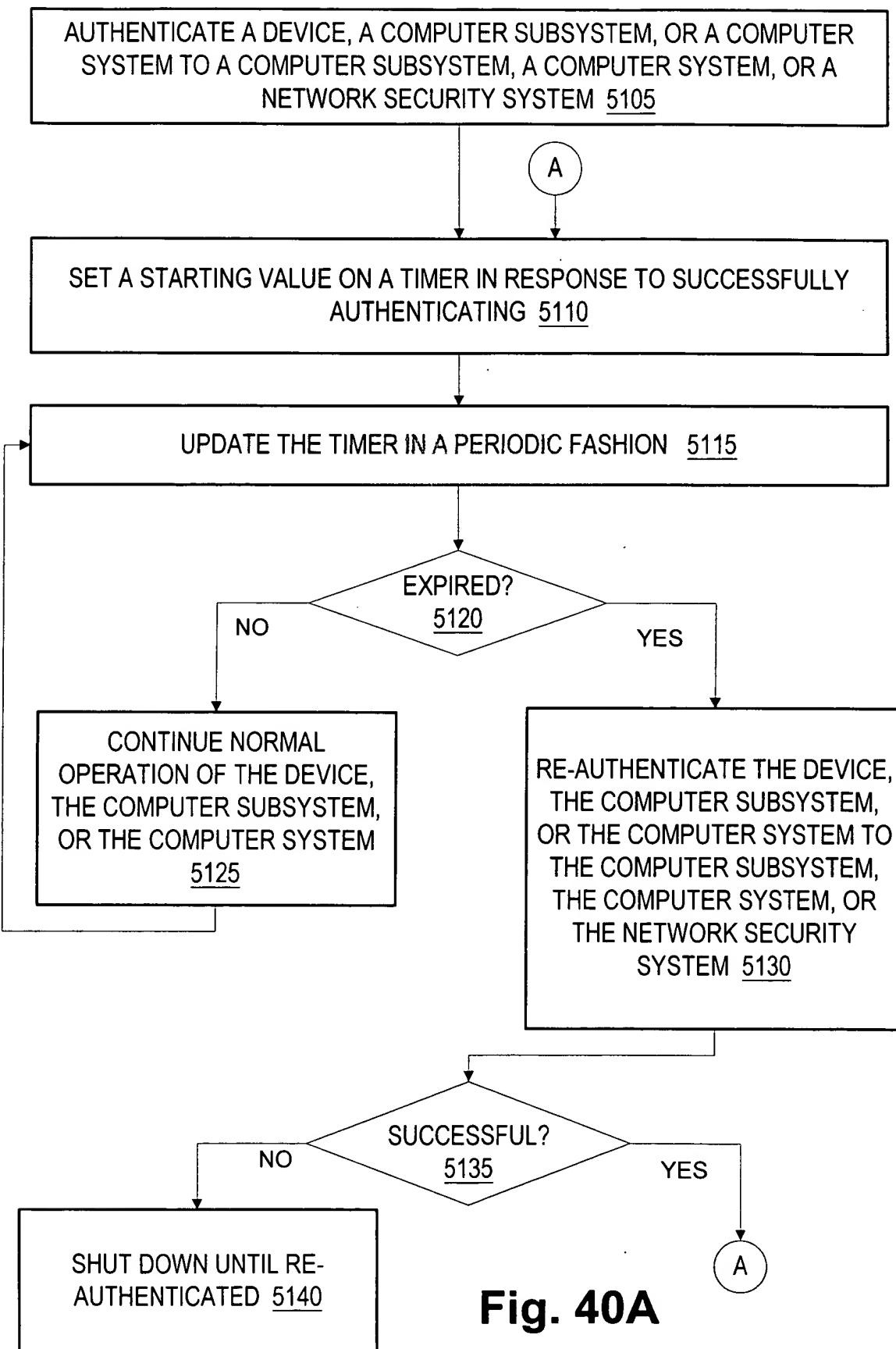
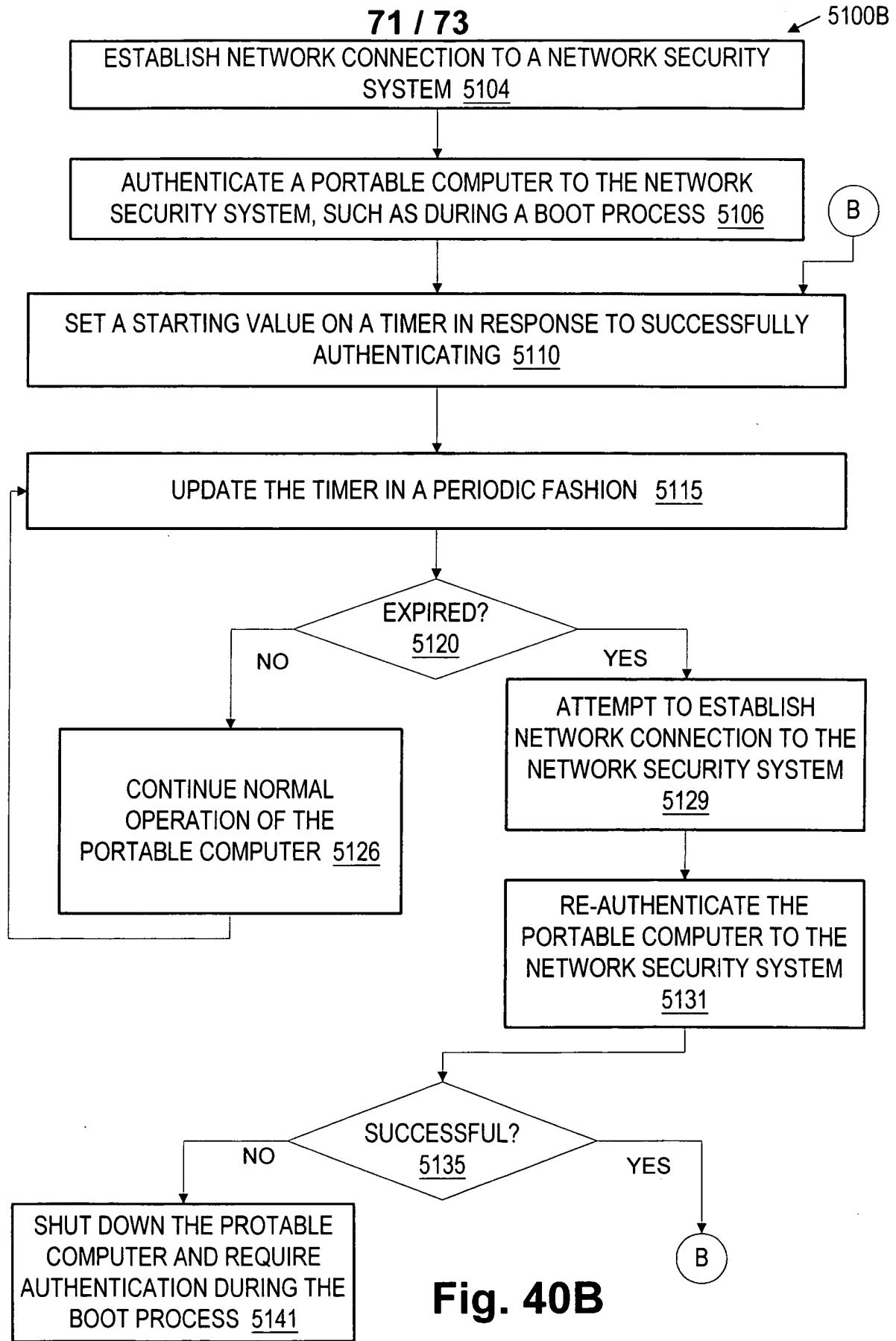


Fig. 40A

**Fig. 40B**

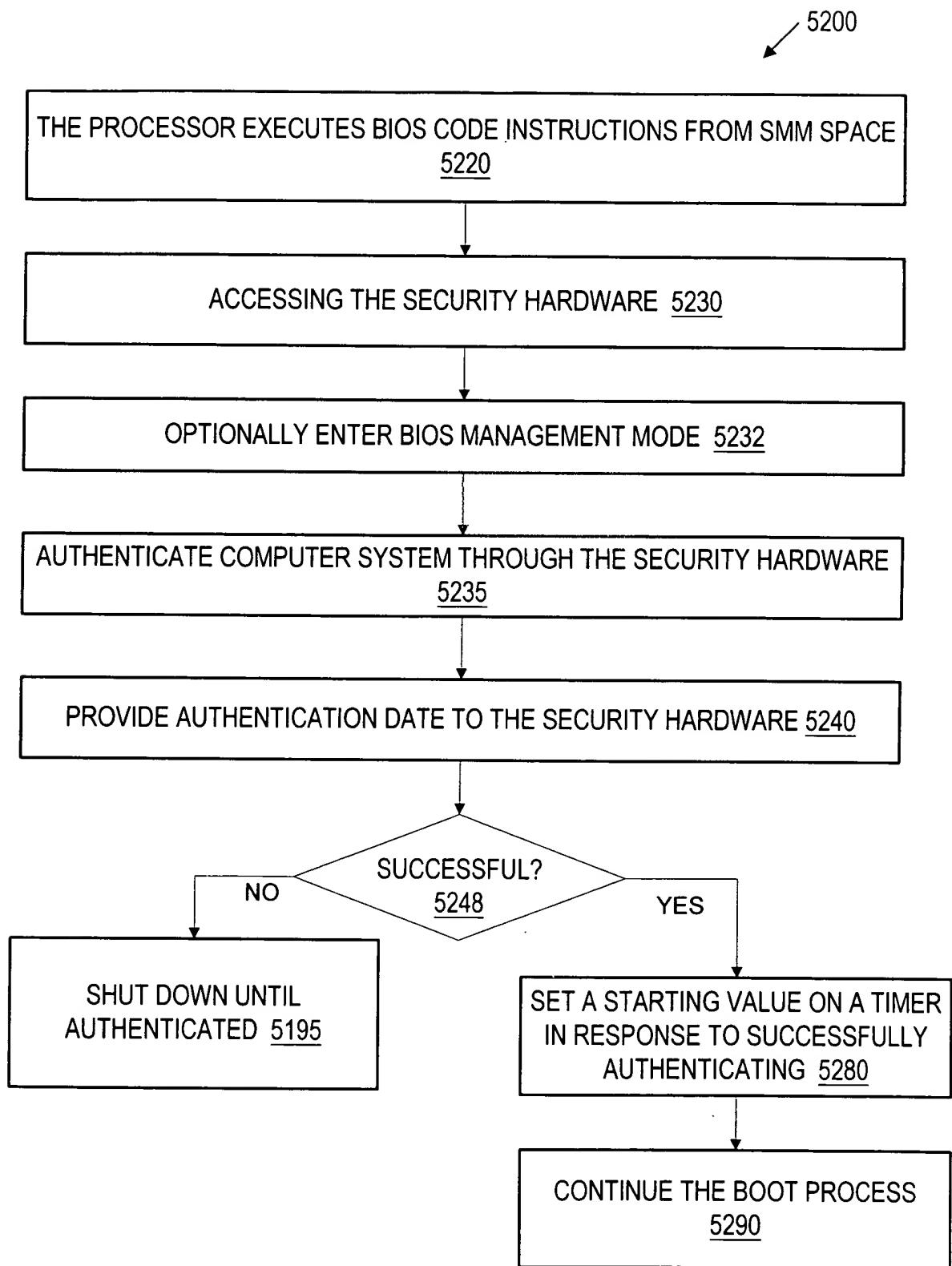
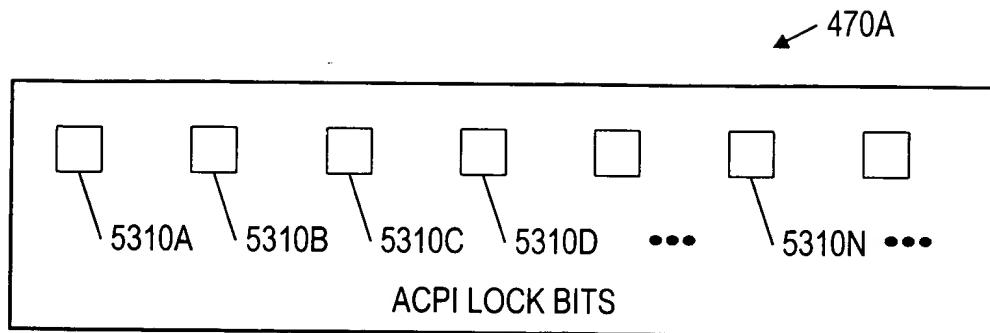
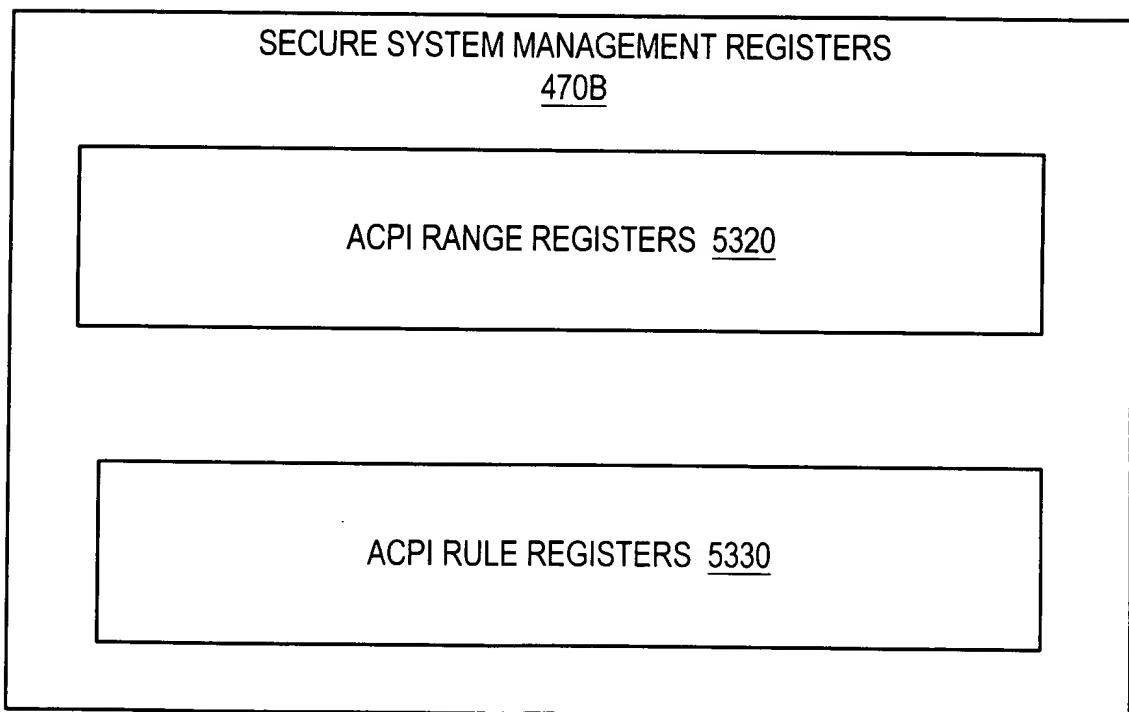


Fig. 41

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**Fig. 42A**



**Fig. 42B**